Accounting

ACCTG 001- Introductory Accounting I (UC/CSU) - 5 Units
The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12256</td>
<td>ACCTG 001</td>
<td>8:35 am - 11:05 am TTh</td>
<td>Baltayan, A</td>
<td>ON LINE</td>
<td></td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ACCTG 002- Introductory Accounting II (UC/CSU) - 5 Units
Enrollment Requirement: Prerequisite: ACCTG 001
This course will cover managerial and cost accounting topics including cost terms, cost behavior and cost systems as well as the use of accounting data for planning, budgeting, and control.

<table>
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>13221</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ACCTG 015- Tax Accounting I (CSU) - 3 Units
This course is a study of income taxes as they apply to individuals and sole-proprietorships.

<table>
<thead>
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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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<tr>
<td>18907</td>
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<td>Ho, F K</td>
<td>ON LINE</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ACCTG 021- Bookkeeping And Accounting I (UC/CSU) - 3 Units
This course covers the basic accounting cycle including adjusting entries and closing entries as well as preparing basic financial statements.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
<td>13452</td>
<td>ACCTG 021</td>
<td>9:00 am - 12:10 pm F</td>
<td>Preciado-Garcia, S</td>
<td>ON LINE</td>
<td></td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Administration Of Justice

ADM JUS 001- Introduction To Administration Of Justice (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 4H CSU D8
Philosophy, history, and theories of the criminal justice system, including the roles and functions of the local, state, and federal jurisdictions. Theories, functions, and interrelationships among criminal justice agencies; law enforcement, courts, and corrections; crime causation, correctional theory, analysis and the social impact of crime. The conceptual approach utilized in this course recognizes that criminal justice is itself a distinct academic discipline rather than an interdisciplinary course of study.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27951</td>
<td>ADM JUS 001</td>
<td>1:30 pm - 4:40 pm T</td>
<td>Leung, J</td>
<td>ON LINE</td>
<td></td>
</tr>
</tbody>
</table>

Enrollment and participation open to all students. Due to COVID 19 pandemic, this class will be conducted remotely and online.
**ADM JUS 002- Concepts Of Criminal Law (UC/CSU) - 3 Units**

An introduction to the historical development, philosophy, and basic legal concepts of criminal law. The course includes an examination of constitutional provisions, legal research, legal analysis, and the functioning of criminal law as a social force. It also includes a detailed examination of legal definitions, classifications of law, penalties, corpus delecti, criminal intent, parties to a crime, defenses to crime, and a brief introduction to laws of arrest and judicial procedure.

18292  LEC  6:00 pm - 9:10 pm  Th  STAFF, L  ON LINE

Open to All.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ADM JUS 008- Juvenile Procedures (CSU) - 3 Units**

This course covers the juvenile system and related juvenile justice issues. Topics include an overview of the juvenile justice system, treatment and prevention programs, history, theories, methodology, and special areas and laws unique to juveniles.

14461  LEC  6:00 pm - 9:10 pm  M  Jackson, D C  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**American Sign Language**

**A S L 001- American Sign Language I (UC/CSU) - 4 Units**

*Requirement Designation: Meets IGETC 6A CSU C2*

American Sign Language I

10314  LEC  4:15 hrs/wk  TBA  Velez, M  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

10323  LEC  4:15 hrs/wk  TBA  Velez, M  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

10339  LEC  4:15 hrs/wk  TBA  Velez, M  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

19314  LEC  4:15 hrs/wk  TBA  Jones, L F  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

A S L 002- American Sign Language II (UC/CSU) - 4 Units

**Requirement Designation:** Meets IGETC 6A 3B CSU C2  
**Enrollment Requirement:** Prerequisite: A S L 001

American Sign Language II

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<tr>
<th>Class No</th>
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<th>Room</th>
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<tbody>
<tr>
<td>10620</td>
<td>LEC</td>
<td>1:30 pm - 3:35 pm</td>
<td>TTh</td>
<td>Velez, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

A S L 030- Fingerspelling I (CSU) - 1 Unit

**Enrollment Requirement:** Prerequisite: A S L 001

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<th>Instructor</th>
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<tr>
<td>10744</td>
<td>LAB</td>
<td>3:45 pm - 5:50 pm</td>
<td>T</td>
<td>Velez, M</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Anatomy

ANATOMY 001- Introduction To Human Anatomy (UC/CSU) - 4 Units

**Requirement Designation:** Meets IGETC 5B 5C CSU B2 B3  
**Enrollment Requirement:** Prerequisite: BIOLOGY 003 or BIOLOGY 005 or BIOLOGY 006

This course examines the structure of cells, tissues, and organs of these human systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, endocrine, lymphatic, and reproductive. Dissection and microscopy are used extensively in lab.

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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>13251</td>
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<td>TTh</td>
<td>Gee, A L</td>
<td>ON LINE</td>
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<td>13254</td>
<td>LAB</td>
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<td>TTh</td>
<td>Gee, A L</td>
<td>ON LINE</td>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>13277</td>
<td>LEC</td>
<td>8:00 am - 11:10 am</td>
<td>Sa</td>
<td>Sobhanian, S</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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<th>Days</th>
<th>Instructor</th>
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<tr>
<td>13287</td>
<td>LAB</td>
<td>11:30 am - 2:40 pm</td>
<td>Sa</td>
<td>Sobhanian, S</td>
<td>ON LINE</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>13299</td>
<td>LEC</td>
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<td>F</td>
<td>Majewski, A E</td>
<td>ON LINE</td>
</tr>
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</table>

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<tr>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>13308</td>
<td>LAB</td>
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<td>F</td>
<td>Majewski, A E</td>
<td>ON LINE</td>
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</table>

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>13263</td>
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<td>TTh</td>
<td>Abdulmalek, S</td>
<td>ON LINE</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>13267</td>
<td>LAB</td>
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<td>TTh</td>
<td>Abdulmalek, S</td>
<td>ON LINE</td>
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<th>Days</th>
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<th>Room</th>
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<tr>
<td>26246</td>
<td>LEC</td>
<td>1:00 pm - 2:25 pm</td>
<td>TTh</td>
<td>Kim, O S</td>
<td>ON LINE</td>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>26247</td>
<td>LAB</td>
<td>2:35 pm - 4:00 pm</td>
<td>TTh</td>
<td>Kim, O S</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Anthropology**

**ANTHRO 101- Human Biological Evolution (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5B CSU B2*

This course explores the field of physical anthropology emphasizing the evolution of the human species. Topics will include human heredity, mechanisms of evolutionary change, human variation, and the reconstruction of human evolutionary history through the study of the fossil record and the study of our closest biological relatives, the living monkeys and apes.

<table>
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<td>18293</td>
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<td>TTh</td>
<td>Carter, M J</td>
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<tbody>
<tr>
<td>11050</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Carter, M J</td>
<td>ON LINE</td>
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Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>11007</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Huld, P J</td>
<td>ON LINE</td>
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Due to COVID-19 pandemic, this class will be conducted remotely and online with no required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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<th>Class No</th>
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<td>11019</td>
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<td>Huld, P J</td>
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<tr>
<td>11071</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Huld, P J</td>
<td>ON LINE</td>
</tr>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**ANTHRO 102- Human Ways Of Life: Cultural Anthropology (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4A CSU D1*

Comparative survey of human culture, including the study of human society, language, religion, political and economic organization, with examples drawn from contemporary preliterate, peasant, and urban societies.

<table>
<thead>
<tr>
<th>12522</th>
<th>LEC</th>
<th>3:10 hrs/wk</th>
<th>TBA</th>
<th>Huld, P J</th>
<th>ON LINE</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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<thead>
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<th>12530</th>
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<th>TBA</th>
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<th>ON LINE</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>26393</th>
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<th>3:10 hrs/wk</th>
<th>TBA</th>
<th>STAFF, L</th>
<th>ON LINE</th>
</tr>
</thead>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Architectural Interiors**

**INT 200- Residential Planning (CSU) - 3 Units**

Using sustainable Design strategies, standards and geospatial tools (CAD/BIM/GIS), the student will learn how to participate in the interior design profession as a "viewer and a doer" for the entire life cycle of a building focusing on interior residential planning. Basic concepts will be covered in class to understand the fundamentals variables that determine interior spaces: lights, air, circulation, texture, pattern, geometry, experience, styles, natural resources, energy conservation, form, materials and others. A study is made using a "small house project" layout, livability, functionality, size, orientation, cost, furnishing, equipment, and ornamentation and future inhabitants. The "small house project" is put in context through a brief history of American shelters and their construction types and styles. At this point the student is ready for developing, retrofitting, adding and remodeling the "small house project" including basic interior construction details and finishes. Residential construction problems are explored with an emphasis placed in functional design.

<table>
<thead>
<tr>
<th>11396</th>
<th>LEC</th>
<th>7:00 am - 9:30 am</th>
<th>T</th>
<th>Lewis, J L</th>
<th>ON LINE</th>
</tr>
</thead>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

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<thead>
<tr>
<th>11401</th>
<th>LAB</th>
<th>7:00 am - 9:30 am</th>
<th>Th</th>
<th>Lewis, J L</th>
<th>C2-109</th>
</tr>
</thead>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Architecture**

**ARC 130- History Of Architecture I (UC/CSU) - 2 Units**

*Requirement Designation: Meets CSU C1*

A lecture course in the history and development of architecture from Prehistoric times to the beginning of the
### ARC 131- History Of Architecture II (UC/CSU) - 2 Units
*R: Meets CSU C1*
A lecture course in the history and development of architecture from the Renaissance to the present.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>13574</td>
<td>LEC</td>
<td>12:25 pm - 2:30 pm</td>
<td>Th</td>
<td>Lewis, J L</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### ARC 160- Computers For Designers (CSU) - 3 Units
This introductory course will focus on developing graphic and visual communications skills using digital tools.

<table>
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<tbody>
<tr>
<td>13598</td>
<td>LEC</td>
<td>9:00 am - 11:30 am</td>
<td>Sa</td>
<td>Oliva, M</td>
<td>ON LINE</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>13600</td>
<td>LAB</td>
<td>11:40 am - 2:10 pm</td>
<td>Sa</td>
<td>Oliva, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### ARC 172- Architectural Drawing I (CSU) - 3 Units
This is an introductory course covering the preparation of construction drawings for a light framed building.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>13681</td>
<td>LEC</td>
<td>9:45 am - 12:15 pm</td>
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<td>Oliva, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>13683</td>
<td>LAB</td>
<td>9:45 am - 12:15 pm</td>
<td>W</td>
<td>Oliva, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### ARC 201- Architectural Design I (UC/CSU) - 3 Units
This design studio uses the architectural design process to develop solutions to building design programs. The design process is viewed through the lens of sustainability.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>13763</td>
<td>LEC</td>
<td>7:00 am - 9:30 am</td>
<td>T</td>
<td>Oliva, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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AND

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<th>Room</th>
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<tbody>
<tr>
<td>13764</td>
<td>LAB</td>
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<td>Th</td>
<td>Oliva, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### ARC 271- Architectural Drawing III (CSU) - 3 Units
This is an intermediate course covering the design and construction drawings for complex buildings.

13848  LEC  9:45 am - 12:15 pm  T  Oliva, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
13849  LAB  9:45 am - 12:15 pm  Th  Oliva, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Art**

**ART 101- Survey Of Art History I (UC/CSU) - 3 Units**
*Requirement Designation: Meets IGETC 3A CSU C1*
An introductory survey of the arts of the Western World from the Prehistoric through the Middle Ages. Please consult local college catalog for further details.

13925  LEC  7:00 am - 8:25 am  MW  Eoff, R J  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

23218  LEC  8:35 am - 10:00 am  MW  Eoff, R J  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13927  LEC  3:10 hrs/wk  TBA  Smith, J  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

13933  LEC  3:10 hrs/wk  TBA  Smith, J  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

13938  LEC  3:10 hrs/wk  TBA  Mirkovich, M Z  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

23215  LEC  3:10 hrs/wk  TBA  Mirkovich, M Z  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**ART 102- Survey Of Art History II (UC/CSU) - 3 Units**
*Requirement Designation: Meets IGETC 3A CSU C1*
An introductory survey of the arts of the Western World from the Renaissance to the present. Please consult local college catalog for further details.

14081  LEC  10:10 am - 11:35 am  MW  Eoff, R J  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
ART 103- Art Appreciation I (UC/CSU) - 3 Units  
*Requirement Designation:* Meets IGETC 3A CSU C1
A general introduction to art that examines works of art through the study of theory, terminology, themes, design principles, media, techniques with an introduction to the visual arts across time and diverse cultures. Please consult local college catalog for further details.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Days</th>
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<tr>
<td>14239</td>
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</tr>
<tr>
<td>26605</td>
<td>LEC</td>
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<td>MW</td>
<td>Pinto, C D</td>
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<tr>
<td>18100</td>
<td>LEC</td>
<td>1:30 pm - 2:55 pm</td>
<td>MW</td>
<td>Pinto, C D</td>
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<tr>
<td>14234</td>
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<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Smith, J</td>
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</tr>
</tbody>
</table>

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ART 201- Drawing I (UC/CSU) - 3 Units  
*Requirement Designation:* Meets CSU C1
*Enrollment Requirement:* Art - Drawing Course Family
Students apply elements and principles of design to the practice of drawing, employing a wide range of subject matter, drawing techniques and media. They develop observation-based and technical drawing skills and explore their creative responses to materials and subject matter.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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<th>Start/End Time</th>
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<tr>
<td>14712</td>
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</table>

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ART 300- Introduction To Painting (UC/CSU) - 3 Units  
*Enrollment Requirement:* Art - Water Color & Acrylic Course Family
Introduction to principles, elements, and practices of painting. Focuses on exploration of painting materials, perceptual skills, color theory, paint mixing and technique, as well as creative responses to materials and subject matter. Please consult local college catalog for further details.
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>15179</td>
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<td>Smith, J</td>
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</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**ASTRON 001 - Elementary Astronomy (UC/CSU) - 3 Units**

**Requirement Designation:** Meets IGETC 5A CSU B1

Students will study the history of astronomy, celestial motions, the solar system, stellar origins and evolution, nebulae, galaxies and cosmology.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>19780</td>
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<td>Sa</td>
<td>Tekola, A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

STEAM ACADEMY

Enrollment and participation open for all students.

For more information, please visit the STEAM Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
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<td>TTh</td>
<td>STAFF, L</td>
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</table>

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>MW</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>13965</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>W</td>
<td>Wilson, J B</td>
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<tr>
<td>22457</td>
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<td>Khan, M</td>
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</tr>
</tbody>
</table>

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**ASTRON 005 - Fundamentals Of Astronomy Laboratory (UC/CSU) - 1 Unit**

**Requirement Designation:** Meets IGETC 5C CSU B3

**Enrollment Requirement:** Corequisite: ASTRON 001
## Automotive Collision Repair

### AUTOCOR 112- Auto Body Construction, Repair And Welding Fundamentals - 9 Units

This course covers basic auto body construction types, nomenclature, body adjustments, and repairs. Instruction includes welding on high strength steels, alloys, and plastic composites. Replacement of structural and non-structural auto body components is also covered.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
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<table>
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<tr>
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<th>Days</th>
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<td>14174</td>
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<td>TTh</td>
<td>Ferre, B E</td>
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And

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>14183</td>
<td>LAB</td>
<td>12:45 pm - 5:55 pm</td>
<td>TTh</td>
<td>Jakahi, J K</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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### AUTOCOR 132- Unitized Body Panel, Section, & Frame; Replacement & Alignment - 9 Units

Instruction is given in bolt-on procedures and welding procedures of panel replacements and the use of pulling equipment for proper sheet metal alignment. Students will understand the techniques of outer body panel repairs, replacements, and adjustments. Students will repair, remove and replace steel / aluminum / SMC / plastic body panels, doors, deck lids, bumpers, and hoods. Students will adjust and align panels to manufacturer's specifications. Instruction is given in body section replacement and structural sectioning, including removing and replacing mechanical parts, using manufacturers' body repair manual and I-CAR recommendations. Measuring for cutting and proper alignment of sections is stressed. Students will understand the proper techniques of body/structural sectioning and anti-corrosion protection. Students learn proper frame alignment and the methods of straightening damaged frames and unitized body construction. Students learn to utilize computerized laser beam frame measuring equipment. Boy shop practices are also covered.

<table>
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<th>Start/End Time</th>
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<th>Instructor</th>
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<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>14183</td>
<td>LAB</td>
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<td>TTh</td>
<td>Jakahi, J K</td>
<td>ON LINE</td>
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And

<table>
<thead>
<tr>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
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<td>2:20 pm - 6:45 pm</td>
<td>MW</td>
<td>Jakahi, J K</td>
<td>ON LINE</td>
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</tbody>
</table>
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### AUTOCOR 149- Estimating Body Damage (RPT 3) - 3 Units

Students are taught body repair and computerized estimating collision service management systems. Damage reporting, structural and nonstructural damage analysis, sequencing of inspections and use of collision estimating guides and damage reports are also addressed.

<table>
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<tr>
<th>Class No</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20555</td>
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<td>T</td>
<td>Ferre, B E</td>
<td>ON LINE</td>
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<tr>
<td>20556</td>
<td>LAB</td>
<td>6:00 pm - 9:50 pm</td>
<td>Th</td>
<td>Ferre, B E</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>7:15 pm - 9:50 pm</td>
<td>T</td>
<td>Ferre, B E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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### AUTOCOR 226- Automotive Collision Repair I - 3 Units

This course introduces students to MIG welding, aluminum welding, and resistance welding. Students will learn to repair and replace body panels on unibody and full-frame vehicles. Repairing and replacing structural panels made of High Strength Steel (HSS), Advanced High Strength Steel (AHSS), and Ultra High Strength Steel (UHSS) are incorporated into this course. Students will learn aluminum welding techniques and panel bonding for both aluminum and steels. Students will understand the proper techniques of body/structural sectioning and anti-corrosion protection. Students will repair vehicles to industry standards.

<table>
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<tr>
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<th>Start/End Time</th>
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<th>Instructor</th>
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<td>18757</td>
<td>LAB</td>
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<td>Jakahi, J K</td>
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</tbody>
</table>

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### Automotive Mechanics Tech

### AUTORTK 100- Heating And Air Conditioning Systems Theory, Inspection &Rpr - 3 Units

Instruction is offered in the area of (HVAC) heating, ventilation & air conditioning systems, with emphasis on function & testing of heater controls, heater cores, air conditioning compressors, clutch & controls.

<table>
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<tr>
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<tr>
<td>14356</td>
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<td>8:00 am - 1:05 pm</td>
<td>MTWTh</td>
<td>McFall, T J</td>
<td>ON LINE</td>
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</table>

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<td>LAB</td>
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<tr>
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<td>LEC</td>
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<td>TTh</td>
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<td>Goyn, B A</td>
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<tr>
<td>14372</td>
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<td>7:00 am - 7:50 am</td>
<td>MTWTh</td>
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<td>ON LINE</td>
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<tr>
<td>14375</td>
<td>LAB</td>
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<td>MTWTh</td>
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<tr>
<td>14388</td>
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<tr>
<td>14396</td>
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<tr>
<td>14365</td>
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<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/02/2020)

**AUTORTK 113- Drive Train Components Principles And Practices (CSU) - 3 Units**

Basic instruction on the construction, function, testing & repair of manual/automatic transmissions and transaxles, clutches and differentials.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 11/09/2020, Ends 12/20/2020)

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>14364</td>
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</tbody>
</table>

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(Starts 08/31/2020, Ends 10/02/2020)

(Starts 11/09/2020, Ends 12/20/2020)
## 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
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</table>

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### AUTORTK 114- Steering, Suspension, Brakes, Principles And Practices (CSU) - 3 Units

This course provides instruction in the theory, design, principles, diagnostics, and proper system service of automotive brake, suspension, and steering systems.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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</table>

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(Starts 08/31/2020, Ends 10/02/2020)

### AND

<table>
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</table>

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(Starts 08/31/2020, Ends 10/02/2020)

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<tr>
<th>Class No</th>
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<th>Days</th>
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<td>MTWTh</td>
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</table>

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(Starts 10/05/2020, Ends 11/06/2020)

### AND

<table>
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</table>

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<table>
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<tr>
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<th>Room</th>
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<tr>
<td>14398</td>
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<td>ON LINE</td>
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</tbody>
</table>

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<tr>
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</tbody>
</table>

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### AUTORTK 121- Basic Engine Theory Inspection And Repair (CSU) - 3 Units

This course offers instruction in the types of operating principles and performance characteristics of automotive engines. Applied mathematics and related physics are emphasized throughout the course. Students will disassemble and assemble a complete engine and apply related theory to factory procedures.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Room</th>
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<td>10194</td>
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<td>MTWTh</td>
<td>McFall, T J</td>
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</table>

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(Starts 11/09/2020, Ends 12/20/2020)

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<tr>
<th>Class No</th>
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</table>

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<td>10136</td>
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<tr>
<td>26456</td>
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<tr>
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<tr>
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<tr>
<td>27513</td>
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<td>Sa</td>
<td>Rios, M</td>
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<tr>
<td>27514</td>
<td>LAB</td>
<td>8:30 am - 3:00 pm</td>
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<td>Rios, M</td>
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<tr>
<td>10305</td>
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<td>Taba, R A</td>
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</table>

**AUTORTK 122- Electrical/Electronic Systems Theory, Inspection & Repair (CSU) - 3 Units**

Instruction on theory, inspection & repair of automotive electronic/electrical systems and components. Emphasis is placed on charging, battery/starting & ignition systems component inspection, diagnosis & repair. This course also offers instruction on electrical wiring diagram analysis.

**AUTORTK 123- Fuel & Emissions Systems Theory, Inspection & Repair (CSU) - 3 Units**

Instruction is offered on engine performance, diagnosis and repair. Emphasis is placed on ignition, fuel, and emission systems. Instruction is offered on related technologies of automotive fuel delivery systems, induction and scavenging systems. The proper use of test equipment and automotive engine evaluation procedures are stressed in this course.
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>MTWTh</td>
<td>Mostafa, O</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 11/09/2020, Ends 12/20/2020)

**AND**

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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</table>

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<tr>
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<th>Start/End Time</th>
<th>Days</th>
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<td>MTWTh</td>
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</table>

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(Starts 10/05/2020, Ends 11/06/2020)

**AND**

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<th>Days</th>
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<td>MTWTh</td>
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<td>ON LINE</td>
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</table>

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26465</td>
<td>LEC</td>
<td>5:30 pm - 6:20 pm</td>
<td>TTh</td>
<td>Grissett, R P</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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<tr>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26466</td>
<td>LAB</td>
<td>6:30 pm - 9:40 pm</td>
<td>TTh</td>
<td>Grissett, R P</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### AUTORTK 130- Advanced Automotive Diagnosis and Repair I (CSU) - 3 Units

Instruction is offered on the areas of advanced engine construction & use of engine diagnostic equipment, standard transmissions & clutches, with emphasis on diagnosis and repair procedures. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<td>MTWTh</td>
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</table>

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(Starts 08/31/2020, Ends 10/02/2020)

**AND**

<table>
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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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(Starts 08/31/2020, Ends 10/02/2020)

### AUTORTK 131- Automotive Theory And Repair II (CSU) - 3 Units

Instruction is offered on the areas of advanced emission systems diagnosis, with emphasis on diagnosis & repair procedures to prepare vehicles for the State of California smog test. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.
<table>
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<th>Start/End Time</th>
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<tr>
<td>AND</td>
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<td>8:00 am - 1:05 pm MTWTh</td>
<td>Ramirez, J L</td>
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**AUTORTK 135- Computer Control And Fuel Injection (CSU) - 3 Units**
Instruction is offered in Automotive Computer Control and Fuel Injection Systems. Emphasis is placed on computer control electronic and fuel systems construction, function, inspection, component theory and operation, troubleshooting principles and engine condition diagnosis, testing,

<table>
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<tr>
<td>AND</td>
<td>LAB</td>
<td>8:00 am - 12:35 pm MTWTh</td>
<td>Ramirez, J L</td>
<td>ON LINE</td>
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</table>

**AUTORTK 140- Advanced Automotive Diagnosis and Repair IV (CSU) - 3 Units**
Classroom lecture is offered in the areas of brake systems, front suspension systems, batteries, starting and charging systems, with emphasis on diagnosis and repair procedures. Shop practice is offered in most areas of automotive repairs: engine, transmissions, tune up, brakes, suspension, steering, and automotive accessories, and various other repairs using available vehicles.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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**AUTORTK 141- Advanced Automotive Diagnosis and Repair V (CSU) - 3 Units**
Advanced instruction in theory, diagnosis, service and repair of electrical systems, charging systems and computer controlled systems. Instruction is offered on, the use of electrical diagnostic equipment, interpretation of wiring diagrams, engine computer controls and charging systems. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.
AUTORTK 142- Advanced Automotive Diagnosis and Repair VI (CSU) - 3 Units
Advanced instruction in theory, diagnosis, service and repair of fuel injection, automatic transmission & heating, ventilation & air conditioning systems.

AUTORTK 385- Directed Study - Automotive And Related Technology - 3 Units
This course allows students to pursue a directed study in Automotive and Related Technology on a contract basis under the direction of a supervising instructor.

AUTORTK 941- Cooperative Education - Automotive And Related Technology (CSU) (RPT 3) - 4 Units
Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

PROFBKG 112- Baking Processes And Theory Of Ingredients - 4 Units
Enrollment Requirement: Corequisite: CLN ART 112
Course Covers the production of quick breads, introduction to puff pastry, laminated dough, and cookies with...
a emphasis placed on mixing methods. The role of leavening agents, starches, chemical reactions of ingredients and the effect on heat and cold on products. Recipe and menu development, including ingredient selection will be discussed.

15502  LEC  7:00 am - 9:05 am  F  Damaso, S D  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class Professional Baking kitchen needs: Basic baking equipment and an oven.

AND

15503  LAB  9:15 am - 3:45 pm  F  Damaso, S D  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.

15505  LEC  9:30 am - 10:55 am  TWTh  Spence, R T  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 10/26/2020, Ends 12/20/2020)

AND

15510  LAB  11:00 am - 3:50 pm  TWTh  Spence, R T  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 10/26/2020, Ends 12/20/2020)

PROFBKG 121- Beginning Yeast Breads And Quickbreads - 6 Units
Enrollment Requirement:  Prerequisite: PROFBKG 112 and CLN ART 112
Class introduces student to volume lean & rich yeast bread and quick bread production with an emphasis on flour usage, chemical and natural leavening agents, as well as fat and sugar ingredient identification. Speed, accuracy, and increased productivity are stressed along with preparation of a variety of bread products up to industry standards.

15516  LEC  10:35 am - 12:40 pm  MTWTh  True, C B  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 08/31/2020, Ends 10/25/2020)

AND

15517  LAB  6:30 am - 10:25 am  MTWTh  True, C B  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 08/31/2020, Ends 10/25/2020)

PROFBKG 122- Artesan Breads, Specialty Breads - 6 Units
Enrollment Requirement:  Prerequisite: CLN ART 112 AND PROFBKG 112
Corequisite: PROFBKG 121
Recognize formulas and demonstrate the ability to alter formulas in yeast, rolled-in, and quick bread formulas central to this class. View bread baking from an artisan's prospective. Explore the fundamentals of baking science: How a formula works including changes of yields and altering percentages of ingredients in formulas to produce desired results are stressed. Work on increasing productivity, speed and accuracy is continued in this class.
2020 Fall SCHEDULE

Class No | Component | Start/End Time | Days | Instructor | Room
---|---|---|---|---|---
15518 | LEC | 10:45 am - 12:50 pm | MTWTh | True, C B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

AND

15519 | LAB | 6:30 am - 10:30 am | MTWTh | True, C B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

PROFBKG 131- Plated Restaurant Style Desserts - 6 Units

**Enrollment Requirement:** Prerequisite: PROFBKG 112 AND CLN ART 112

The course covers a wide range of baking techniques and topics with concentration on the composition of restaurant style plated desserts made up of a number of components.

15522 | LEC | 10:35 am - 12:40 pm | MTWTh | Wemischner, R B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 08/31/2020, Ends 10/25/2020)

AND

15523 | LAB | 6:30 am - 10:25 am | MTWTh | Wemischner, R B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 08/31/2020, Ends 10/25/2020)

PROFBKG 132- Baking Processes And Ingredient Control II - 6 Units

**Enrollment Requirement:** Prerequisite: CLN ART 112 AND PROFBKG 112

Corequisite: PROFBKG 131

Students will discuss and demonstrate contemporary style multi-component plated restaurant style desserts. Topics include traditional composed desserts, modern menu fusion, international/ethnic and classical dessert combinations.

15525 | LEC | 10:45 am - 12:50 pm | MTWTh | Wemischner, R B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 10/26/2020, Ends 12/20/2020)

AND

15528 | LAB | 6:30 am - 10:30 am | MTWTh | Wemischner, R B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.
(Starts 10/26/2020, Ends 12/20/2020)

PROFBKG 141- Baking Procedures And Theory Of Ingredients III - 6 Units

**Enrollment Requirement:** Prerequisite: CLN ART 111, CLN ART 112, PROFBKG 112, PROFBKG 121, PROFBKG 122, PROFBKG 131 and PROFBKG 132

This class applies procedures and techniques for preparing advanced decorative bakery items for display in a professional food service facility. Students will prepare and demonstrate various advanced techniques including: Molded and tempered chocolate show pieces, marzipan, nougatine, pastillage, pulled and molded sugar, wedding and other occasional cakes, rolled and poured fondant, and gum paste will be prepared and
evaluated.

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<tr>
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<th>Room</th>
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</table>

20622 LEC 2:00 pm - 6:05 pm Th Aschenbrener, A R ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.

AND

20623 LAB 7:00 am - 2:20 pm F Aschenbrener, A R ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Professional Baking kitchen needs: Basic baking equipment and an oven.

PROFBKG 941- Cooperative Education - Baking, Professional (RPT 3) - 4 Units
Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

25358 LEC 8:50 hrs/wk TBA STAFF, L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

25359 LEC 8:50 hrs/wk TBA STAFF, L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

Barbering
BAR 113- Freshman Barbering I - 6 Units
**Enrollment Requirement:** Corequisite: BAR 114
The beginning course includes sanitation, client protection, scalp treatments, shampooing, hair cutting, finger waves, curl constructions, and manicuring.

27057 LEC 12:30 pm - 2:00 pm MT Marks, K D ON LINE
And LEC 12:30 pm - 2:00 pm WTh Ellis, S D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

AND

27058 LAB 2:05 pm - 7:10 pm MT Marks, K D ON LINE
And LAB 2:05 pm - 7:10 pm WTh Ellis, S D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

BAR 114- Freshman Barbering II - 6 Units
**Enrollment Requirement:** Prerequisite: BAR 113
Beginning course with plain facials, permanent waving techniques, hair cutting with a razor and clippers and thermal texture hair styling.
### BAR 123- Barbering Jr. Salon I - 6 Units

**Enrollment Requirement:** Prerequisite: BAR 114  
Corequisite: BAR 124

The students will be exposed to intermediate instructions in chemical straightening, thermal straightening and curling, permanent waving, skin and hair care, with instructions of hair cutting.

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<td>10877</td>
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<td>And</td>
<td>LEC</td>
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<td>WTh</td>
<td>Ellis, S D</td>
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<td>And</td>
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<td>Ellis, S D</td>
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(Starts 10/26/2020, Ends 12/20/2020)

### BAR 124- Barbering Jr Salon II - 6 Units

**Enrollment Requirement:** Prerequisite: BAR 123

The students are instructed in advanced permanent waving, soft permanent wave, men hairpieces, thermal straightening and curling, hair cutting, clipper cutting and electricity.

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<th>Instructor</th>
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<td>MTW</td>
<td>McCain, R M</td>
<td>ON LINE</td>
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<tr>
<td>And</td>
<td>LEC</td>
<td>4:30 pm - 5:40 pm</td>
<td>ThF</td>
<td>Glover, J H</td>
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<tr>
<td>18774</td>
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<td>MTW</td>
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<td>And</td>
<td>LAB</td>
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<td>Glover, J H</td>
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### BAR 133- Barbering Jr. Salon III - 6 Units

**Enrollment Requirement:** Prerequisite: BAR 124  
Corequisite: BAR 134

The course will cover basic, intermediate, and advance hair coloring, bleaching, lighteners, facial hair color, and color correction techniques. Course will cover shaving techniques and soft perm waving. The subjects mentioned will be discussed.

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<tr>
<th>Class No</th>
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<td>18773</td>
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<td>18775</td>
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<td>And</td>
<td>LEC</td>
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<td>WTh</td>
<td>Ellis, S D</td>
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<tr>
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<tr>
<td>And</td>
<td>LAB</td>
<td>2:05 pm - 7:10 pm</td>
<td>WTh</td>
<td>Ellis, S D</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

**BAR 134- Barbering Jr. Salon IV - 6 Units**

**Enrollment Requirement:** Prerequisite: BAR 133

The course will cover basic, intermediate, and advance hair coloring, bleaching, lighteners, facial hair color, and color correction techniques.

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<td>And</td>
<td>LAB</td>
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(Starts 10/26/2020, Ends 12/20/2020)

**BAR 143- Barbering Sr. Salon I - 6 Units**

**Enrollment Requirement:** Prerequisite: BAR 134  
Corequisite: BAR 144

The students will review all areas of cosmetology. Theory is focused on what is required by State Board and practical assignments related to services provided. There will be emphasis of communication, customer service, time management, booking of appointments and proper sales attitude.

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<td>20784</td>
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<td>And</td>
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<td>ThF</td>
<td>Glover, J H</td>
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(Starts 08/31/2020, Ends 10/25/2020)

**BAR 144- Barbering Sr. Salon II - 6 Units**

**Enrollment Requirement:** Prerequisite: BAR 143

The students will be introduced to clinic floor practicum and advanced client services. Mock State Board procedures for licensure will be employed. Business practices include: client services, effective communication, job search skills, networking, strategies for building a clientele, selling techniques, starting and operation a business.
<table>
<thead>
<tr>
<th>Class No</th>
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**Basic Skills**

**BSICSKL 002CE- Developing English Composition Skills (Repeatable) - 0 Unit**

Developing English Composition Skills

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20877</td>
<td>LEC</td>
<td>8:00 am - 11:20 am</td>
<td>MW</td>
<td>Cole, V L</td>
<td>ON LINE</td>
</tr>
<tr>
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</tbody>
</table>

*This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections, call us at 213-763-3738.*

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<tr>
<td>20880</td>
<td>LEC</td>
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<td>MW</td>
<td>Cole, V L</td>
<td>ON LINE</td>
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<tr>
<td>20882</td>
<td>LEC</td>
<td>8:00 am - 11:20 am</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
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<th>Room</th>
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<tbody>
<tr>
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<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
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<th>Room</th>
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<tbody>
<tr>
<td>20878</td>
<td>LEC</td>
<td>10:25 am - 12:35 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>26664</td>
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<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td>GED Prep Part One (TABE D and A) - English</td>
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<td>Late Start</td>
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<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20879</td>
<td>LEC</td>
<td>6:00 pm - 9:20 pm</td>
<td>MW</td>
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<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>GED Prep Part One (TABE E and M) - English</td>
<td></td>
<td>Session I</td>
<td></td>
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<tbody>
<tr>
<td>20881</td>
<td>LEC</td>
<td>6:00 pm - 9:20 pm</td>
<td>MW</td>
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<td>ON LINE</td>
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<tr>
<td></td>
<td>GED Prep Part One (TABE E and M) - English</td>
<td></td>
<td>Session II</td>
<td></td>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20885</td>
<td>LEC</td>
<td>6:00 pm - 9:20 pm</td>
<td>MW</td>
<td>Gutierrez, E</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td>GED Prep Part One (TABE D and A) - English</td>
<td></td>
<td>Session I</td>
<td></td>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>20887</td>
<td>LEC</td>
<td>6:00 pm - 9:20 pm</td>
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<td>Gutierrez, E</td>
<td>ON LINE</td>
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<td>GED Prep Part One (TABE D and A) - English</td>
<td></td>
<td>Session II</td>
<td></td>
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BSICSKL 023CE- College And Scholastic Assessment Preparation (Repeatable) - 0 Unit
College And Scholastic Assessment Preparation
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20932</td>
<td>LEC</td>
<td>8:00 am - 12:30 pm</td>
<td>F</td>
<td>Cole, V L</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>GED Preparation - Social Studies</td>
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</tbody>
</table>

This class is for students preparing to complete the Social Studies portion of the GED. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20931</td>
<td>LEC</td>
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<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td>GED Preparation - Science</td>
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</tbody>
</table>

This class is for students preparing to complete the Science portion of the GED. Call us at 213-763-3738 for more information or assistance with enrollment.

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<th>Instructor</th>
<th>Room</th>
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<td>ON LINE</td>
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<td></td>
<td>Academic Connections - TEAS Prep</td>
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<th>Instructor</th>
<th>Room</th>
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<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<td></td>
<td>Academic Connections - TEAS Prep</td>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27906</td>
<td>LEC</td>
<td>4:00 pm - 6:10 pm</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td>Academic Connections - TEAS Prep</td>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27907</td>
<td>LEC</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
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<td>Academic Connections - TEAS Prep</td>
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<th>Room</th>
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<tbody>
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<td>27908</td>
<td>LEC</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
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<td>Academic Connections - TEAS Prep</td>
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<tbody>
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<td>27909</td>
<td>LEC</td>
<td>4:00 pm - 6:10 pm</td>
<td>Th</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
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<td>Academic Connections - TEAS Prep</td>
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(Starts 10/26/2020, Ends 12/20/2020)

**BSICSKL 035CE- Basic Math Skills (Repeatable) - 0 Unit**

Basic Math Skills

<table>
<thead>
<tr>
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<th>Room</th>
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<tbody>
<tr>
<td>20893</td>
<td>LEC</td>
<td>8:00 am - 9:15 am</td>
<td>T</td>
<td>Estroff, R M</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>GED Prep Part One (TABE E and M) - Math</td>
<td></td>
<td>Late Start</td>
<td></td>
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</tr>
</tbody>
</table>

This class is for students preparing to complete the Math portion of the GED Test. Call us at 213-763-3738 for more information or assistance with enrollment.
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(Starts 09/28/2020, Ends 12/20/2020)

AND

20895 LAB 8:00 am - 10:10 am Th Estroff, R M ON LINE
And LAB 9:25 am - 10:10 am T Estroff, R M ON LINE
GED Prep Part One (TABE E and M) - Math || Late Start

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(Starts 09/28/2020, Ends 12/20/2020)

26718 LEC 8:00 am - 9:15 am T STAFF, L ON LINE
GED Prep Part One (TABE D and A) - Math || Late Start

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AND

26719 LAB 8:00 am - 10:10 am Th STAFF, L ON LINE
And LAB 9:25 am - 10:10 am T STAFF, L ON LINE
GED Prep Part One (TABE D and A) - Math || Late Start

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(Starts 09/28/2020, Ends 12/20/2020)

20888 LEC 11:45 am - 2:05 pm M Padilla, J J ON LINE
GED Prep Part One (TABE E and M) - Math || Session I

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(Starts 08/31/2020, Ends 10/25/2020)

AND

20890 LAB 11:45 am - 3:10 pm W Padilla, J J ON LINE
And LAB 2:15 pm - 3:10 pm M Padilla, J J ON LINE
GED Prep Part One (TABE E and M) - Math || Session I

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<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20910</td>
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<td>Padilla, J J</td>
<td>ON LINE</td>
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<td></td>
<td>GED Prep Part One (TABE E and M) - Math</td>
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<td>Session II</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20911</td>
<td>LAB</td>
<td>11:45 am - 3:10 pm</td>
<td>W</td>
<td>Padilla, J J</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>2:00 pm - 3:10 pm</td>
<td>M</td>
<td>Padilla, J J</td>
<td>ON LINE</td>
</tr>
</tbody>
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GED Prep Part One (TABE E and M) - Math || Session II

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(Starts 10/26/2020, Ends 12/20/2020)

20963    | LEC       | 11:45 am - 2:05 pm   | M    | STAFF, L   | ON LINE |
|          |           | GED Prep Part One (TABE D and A) - Math || Session I |

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

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</thead>
<tbody>
<tr>
<td>20964</td>
<td>LAB</td>
<td>11:45 am - 3:10 pm</td>
<td>W</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>2:15 pm - 3:10 pm</td>
<td>M</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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GED Prep Part One (TABE D and A) - Math || Session I

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(Starts 08/31/2020, Ends 10/25/2020)

20971    | LEC       | 11:45 am - 1:50 pm   | M    | STAFF, L   | ON LINE |
|          |           | GED Prep Part One (TABE D and A) - Math || Session II |

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(Starts 10/26/2020, Ends 12/20/2020)

AND

<table>
<thead>
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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20974</td>
<td>LAB</td>
<td>11:45 am - 3:10 pm</td>
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<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>2:00 pm - 3:10 pm</td>
<td>M</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
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<tbody>
<tr>
<td>20908</td>
<td>LEC</td>
<td>6:00 pm - 8:05 pm</td>
<td>T</td>
<td>Cuellar, M</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>GED Prep Part One (TABE E and M) - Math</td>
<td></td>
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<td>Cuellar, M</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>8:15 pm - 9:15 pm</td>
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<td>Cuellar, M</td>
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<th>Room</th>
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<td>20961</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
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<td>20962</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>8:15 pm - 9:25 pm</td>
<td>T</td>
<td>STAFF, L</td>
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<tr>
<td>20968</td>
<td>LEC</td>
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<td>Calderon, J</td>
<td>ON LINE</td>
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</tbody>
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<th>Instructor</th>
<th>Room</th>
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<td>Calderon, J</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>8:30 pm - 9:25 pm</td>
<td>T</td>
<td>Calderon, J</td>
<td>ON LINE</td>
</tr>
</tbody>
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## 2020 Fall SCHEDULE

### LA Trade-Technical College

<table>
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<tr>
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<th>Room</th>
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<tbody>
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<td>GED Prep Part One (TABE D and A) - Math</td>
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<td>Session I</td>
<td></td>
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(Starts 08/31/2020, Ends 10/25/2020)

<table>
<thead>
<tr>
<th>20975</th>
<th>LEC 6:15 pm - 8:20 pm T</th>
<th>Calderon, J</th>
<th>ON LINE</th>
</tr>
</thead>
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(Starts 10/26/2020, Ends 12/20/2020)

<table>
<thead>
<tr>
<th>AND</th>
<th>20976 LAB 6:15 pm - 9:40 pm Th Calderon, J</th>
<th>ON LINE</th>
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<tbody>
<tr>
<td></td>
<td>And LAB 8:30 pm - 9:35 pm T Calderon, J</td>
<td>ON LINE</td>
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</table>

BSICSKL 060CE- Basic Computer Literacy (Repeatable) - 0 Unit

This is a basic computer skills class for students with no previous computer training or experience. It is designed to assist students understand the basic computer hardware and the computer operating system. The class will also focus on developing basic computer skills using Microsoft Word and becoming familiar with online search engines including sending and receiving e-mails.

<table>
<thead>
<tr>
<th>20979</th>
<th>LEC 8:00 am - 10:05 am T Torres-Rezzio, A J</th>
<th>ON LINE</th>
</tr>
</thead>
</table>

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(Starts 08/31/2020, Ends 10/25/2020)

<table>
<thead>
<tr>
<th>AND</th>
<th>20981 LAB 8:00 am - 11:15 am Th Torres-Rezzio, A J</th>
<th>ON LINE</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>And LAB 10:15 am - 11:15 am T Torres-Rezzio, A J</td>
<td>ON LINE</td>
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</tbody>
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(Starts 08/31/2020, Ends 10/25/2020)

<table>
<thead>
<tr>
<th>20983</th>
<th>LEC 8:00 am - 10:05 am T Torres-Rezzio, A J</th>
<th>ON LINE</th>
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<tr>
<th>AND</th>
<th>20985 LAB 8:00 am - 11:25 am Th Torres-Rezzio, A J</th>
<th>ON LINE</th>
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<tbody>
<tr>
<td></td>
<td>And LAB 10:15 am - 11:25 am T Torres-Rezzio, A J</td>
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(Starts 10/26/2020, Ends 12/20/2020)

23701  LEC  8:00 am - 10:05 am  T  Martinez, H  ON LINE
Edison Middle School Parent Center
6500 Hooper Ave, Los Angeles, CA 90001

Enrollment and participation open to all students and is located offsite. For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

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(Starts 08/31/2020, Ends 10/25/2020)

AND

23703  LAB  8:00 am - 11:15 am  Th  Martinez, H  ON LINE
And  LAB  10:15 am - 11:15 am  T  Martinez, H  ON LINE
Edison Middle School Parent Center
6500 Hooper Ave, Los Angeles, CA 90001

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23706  LAB  8:00 am - 11:25 am  Th  Martinez, H  ON LINE
And  LAB  10:15 am - 11:25 am  T  Martinez, H  ON LINE
Edison Middle School Parent Center
6500 Hooper Ave, Los Angeles, CA 90001

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(Starts 10/26/2020, Ends 12/20/2020)

23315  LEC  9:00 am - 11:20 am  M  STAFF, L  ON LINE
Diego Rivera Learning Complex- Parent Center
6100 S Central Ave, Los Angeles, CA 90001

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2020 Fall SCHEDULE

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<th>Instructor</th>
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<tr>
<td>23316</td>
<td>LAB</td>
<td>9:00 am - 12:25 pm</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>11:30 am - 12:25 pm</td>
<td>M</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Diego Rivera Learning Complex- Parent Center</td>
<td>6100 S Central Ave, Los Angeles, CA 90001</td>
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23318    LEC       9:00 am - 11:20 am  | M  | STAFF, L    | ON LINE |
| Diego Rivera Learning Complex- Parent Center | 6100 S Central Ave, Los Angeles, CA 90001 |

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23319    LAB       9:00 am - 12:25 pm  | W  | STAFF, L    | ON LINE |
| And      | LAB       | 11:30 am - 12:25 pm  | M    | STAFF, L    | ON LINE       |
| Diego Rivera Learning Complex- Parent Center | 6100 S Central Ave, Los Angeles, CA 90001 |

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23322    LEC       9:00 am - 11:20 am  | M  | Velasquez, M | ON LINE |
| Edward Roybal Learning Complex- Parent Center | 1200 Colton St, Los Angeles, CA 90026 |

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23323    LAB       9:00 am - 12:25 pm  | W  | Velasquez, M | ON LINE |
| And      | LAB       | 11:30 am - 12:25 pm  | M    | Velasquez, M | ON LINE       |
| Edward Roybal Learning Complex- Parent Center | 1200 Colton St, Los Angeles, CA 90026 |

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As of Date 07/20/2020
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<td>LEC</td>
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<td>Velasquez, M</td>
<td>ON LINE</td>
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<tr>
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<td></td>
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<td>1200 Colton St, Los Angeles, CA 90026</td>
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<tbody>
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<td>LAB</td>
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<td>LAB</td>
<td>11:30 am - 12:25 pm</td>
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<tr>
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<td>LEC</td>
<td>11:45 am - 1:50 pm</td>
<td>T</td>
<td>Sherman, I C</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Call us at 213-763-3738 for more information or assistance with enrollment.</td>
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<tr>
<td></td>
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<td>Early College Academy</td>
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<tr>
<td></td>
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<td>400 W. Washington Blvd. Los Angeles, Ca 90015</td>
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<tbody>
<tr>
<td>20991</td>
<td>LAB</td>
<td>11:45 am - 3:00 pm</td>
<td>Th</td>
<td>Sherman, I C</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>2:00 pm - 3:00 pm</td>
<td>T</td>
<td>Sherman, I C</td>
<td>ON LINE</td>
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<tr>
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<td>T</td>
<td>Sherman, I C</td>
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<td>Sherman, I C</td>
<td>ON LINE</td>
</tr>
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<td>LAB</td>
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<td>(Starts 10/26/2020, Ends 12/20/2020)</td>
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</table>

**BSICSKL 077CE- Fundamental For Workplace Success - Teamwork (Repeatable) - 0 Unit**

Fundamental For Workplace Success - Teamwork

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
<td>23309</td>
<td>LEC</td>
<td>1:45 pm - 3:50 pm</td>
<td>F</td>
<td>Peoples, T E</td>
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<tr>
<td></td>
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<td>Early College Academy</td>
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<tr>
<td></td>
<td></td>
<td>400 W. Washington Blvd. Los Angeles, Ca 90015</td>
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</tbody>
</table>
Enrollment and participation open to all students. For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### Biology

**BIOLOGY 003- Introduction To Biology (UC/CSU) - 4 Units**

*Requirement Designation: Meets IGETC 5B 5C CSU B2 B3*

This course for non-majors examines the fundamental principles of biology with laboratories emphasizing hands-on investigations. Topics include an introduction to evolutionary theory, basic biological chemistry, cell function and reproduction, cellular respiration and photosynthesis, classical and contemporary genetics, gene expression and an introduction to animal structure and function. Meets UC/CSU GE requirement of natural science with a lab.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tbody>
<tr>
<td>13876</td>
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<td>MW</td>
<td>Ulrich, B N</td>
<td>ON LINE</td>
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<tr>
<td>13882</td>
<td>LAB</td>
<td>8:00 am - 9:25 am</td>
<td>MW</td>
<td>Ulrich, B N</td>
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</tr>
<tr>
<td>14164</td>
<td>LEC</td>
<td>11:40 am - 2:50 pm</td>
<td>Sa</td>
<td>Thomas, D F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14189</td>
<td>LAB</td>
<td>8:00 am - 11:10 am</td>
<td>Sa</td>
<td>Thomas, D F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>20815</td>
<td>LEC</td>
<td>9:35 am - 11:00 am</td>
<td>MW</td>
<td>MacDonald, B S</td>
<td>ON LINE</td>
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<tr>
<td>20816</td>
<td>LAB</td>
<td>8:00 am - 9:25 am</td>
<td>MW</td>
<td>MacDonald, B S</td>
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<tr>
<td>14093</td>
<td>LEC</td>
<td>9:00 am - 12:10 pm</td>
<td>F</td>
<td>Gbonegun, O B</td>
<td>ON LINE</td>
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<tr>
<td>14109</td>
<td>LAB</td>
<td>12:40 pm - 3:50 pm</td>
<td>F</td>
<td>Gbonegun, O B</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
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<tr>
<td>13863</td>
<td>LAB</td>
<td>11:35 am - 1:00 pm</td>
<td>TTh</td>
<td>Aguilar, J</td>
<td>C4-408</td>
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<tr>
<td>13903</td>
<td>LEC</td>
<td>11:30 am - 12:55 pm</td>
<td>TTh</td>
<td>Olsen, B D</td>
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<td>13915</td>
<td>LAB</td>
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<td>TTh</td>
<td>Olsen, B D</td>
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<td>13954</td>
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<td>1:00 pm - 2:25 pm</td>
<td>MW</td>
<td>Pantastico Caldas, M C</td>
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<tr>
<td>13968</td>
<td>LAB</td>
<td>2:35 pm - 4:00 pm</td>
<td>MW</td>
<td>Pantastico Caldas, M C</td>
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<tr>
<td>14032</td>
<td>LEC</td>
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<td>TTh</td>
<td>Aguilar, J</td>
<td>ON LINE</td>
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<tr>
<td>14048</td>
<td>LAB</td>
<td>4:25 pm - 5:50 pm</td>
<td>TTh</td>
<td>Aguilar, J</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14122</td>
<td>LEC</td>
<td>6:00 pm - 7:25 pm</td>
<td>TTh</td>
<td>Cazares, J L</td>
<td>ON LINE</td>
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<tr>
<td>14141</td>
<td>LAB</td>
<td>7:35 pm - 9:00 pm</td>
<td>TTh</td>
<td>Cazares, J L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15212</td>
<td>LEC</td>
<td>9:35 am - 11:00 am</td>
<td>TTh</td>
<td>Liu, J C</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**BIOLOGY 005- Introduction To Human Biology (UC/CSU) - 4 Units**

*Requirement Designation: Meets IGETC 5B 5C CSU B2 B3*

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>LEC</td>
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<td>TTh</td>
<td>Liu, J C</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**
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<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>15217</td>
<td>LAB</td>
<td>8:00 am - 9:25 am</td>
<td>TTh</td>
<td>Liu, J C</td>
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<tr>
<td>19085</td>
<td>LEC</td>
<td>8:00 am - 11:10 am</td>
<td>Sa</td>
<td>Mirzatoni, A</td>
<td>ON LINE</td>
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<tr>
<td>19086</td>
<td>LAB</td>
<td>11:40 am - 2:50 pm</td>
<td>Sa</td>
<td>Mirzatoni, A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>20699</td>
<td>LEC</td>
<td>9:10 am - 12:20 pm</td>
<td>F</td>
<td>Harris, K</td>
<td>ON LINE</td>
</tr>
<tr>
<td>20700</td>
<td>LAB</td>
<td>12:50 pm - 4:00 pm</td>
<td>F</td>
<td>Harris, K</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15207</td>
<td>LEC</td>
<td>9:40 am - 11:05 am</td>
<td>MW</td>
<td>Russell, C A</td>
<td>ON LINE</td>
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<tr>
<td>15208</td>
<td>LAB</td>
<td>11:15 am - 12:40 pm</td>
<td>MW</td>
<td>Russell, C A</td>
<td>ON LINE</td>
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<tr>
<td>15233</td>
<td>LEC</td>
<td>1:10 pm - 2:35 pm</td>
<td>TTh</td>
<td>Roberts, J S</td>
<td>ON LINE</td>
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<tr>
<td>15239</td>
<td>LAB</td>
<td>2:45 pm - 4:10 pm</td>
<td>TTh</td>
<td>Roberts, J S</td>
<td>ON LINE</td>
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<tr>
<td>15201</td>
<td>LEC</td>
<td>2:40 pm - 4:05 pm</td>
<td>MW</td>
<td>Wong, R K</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
AND 15204 LAB 4:15 pm - 5:40 pm MW Wong, R K ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

15223 LEC 6:00 pm - 7:25 pm TTh Bryan, R ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND 15229 LAB 7:35 pm - 9:00 pm TTh Bryan, R ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

BIOLOGY 006- General Biology I (UC/CSU) - 5 Units
Requirement Designation: Meets IGETC 5B 5C CSU B2 B3
Enrollment Requirement: Prerequisite: CHEM 051 or CHEM 101
This is a general biology course designed for life science and many pre-health majors. It examines basic cellular biology, metabolism, genetics, molecular biology, and the relationship between form and function of living organisms. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.

15277 LEC 9:35 am - 11:00 am MW Pantastico Caldas, M C ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

15279 LAB 9:30 am - 12:40 pm F Pantastico Caldas, M C ON LINE
And LAB 11:10 am - 12:35 pm MW Pantastico Caldas, M C ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

BIOLOGY 007- General Biology II (UC/CSU) - 5 Units
Requirement Designation: Meets IGETC 5B 5C CSU B2 B3
Enrollment Requirement: Prerequisite: BIOLOGY 006
This is a general biology course designed for life science and many pre-health majors. It examines the unifying principles of biology through the study of phylogeny, taxonomy, organismal structure/function, evolution, and ecology. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.

26249 LEC 11:10 am - 12:35 pm MW Aguilar, J ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

26250 LAB 12:45 pm - 3:55 pm MW Aguilar, J ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Bldg Construction Techniques
BLDGCTQ 101- Contract's License Law (CSU) - 3 Units
Contractor's License Law is designed to prepare personnel in the construction industry on the California Law
requirements for attaining a California State Contractor’s License. Topics covered are License Law, Mechanic’s Lien Law, Employment Regulations, Worker’s Compensation, Safety in Employment and Business Management.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**BLDGCTQ 102- O.S.H.A. Based Safety Standards: Construction & Industry (RPT 3) - 2 Units**

This course provides instruction on industry safety and health rules as it applies to workers and employers within the construction industry. Topics such as fall protection, lock out tag out procedures, PPE, excavations, etc. are covered. Participants that meet the required hourly attendance and successfully pass the final exam will be eligible to receive their OSHA (30 hr) safety-training certificate.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**BLDGCTQ 600- Green Jobs for the AEC Industry Cluster (CSU) (RPT 2) - 3 Units**

This is an Architecture, Engineering and Construction Industry Cluster (AEC) course. Students learn the interconnection of all phases for the life cycle of green buildings, infrastructure and smart cities. This course is a comprehensive framework generating professionals going into the green jobs for the architecture, engineering, construction management, product manufacturing, environmental design and assistants for project administration, document control, safety supervision, cost estimating, labor compliance and quality controls. Through interactive dialog, students learn from experts speakers in the fields. During the course students obtain industry certifications on Computer Aided Design/Drafting (CAD), Building Information Modeling (BIM), Construction Specification Institute CSI and Geographical Information System (GIS). Development of personal soft skills, resume and portfolio is also covered in this class. Students become workforce asset for archiving the Sustainable Design Goals and 'just transition projects'.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**BLDGCTQ 941- Cooperative Education - Building Construction Techniques (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Business**
BUS 001- Introduction To Business (UC/CSU) - 3 Units
Students engage in a multidisciplinary examination of how culture, society, economic systems, legal, international, political, financial institutions, and human behavior interact to affect a business organization’s policy and practices within the U.S. and a global society. The course demonstrates how these influences impact the primary areas of business including: organizational structure and design, leadership, human resource management, risk management and insurance, organized labor practices, ethics and social responsibility, marketing, organizational communication, e-business/technology, entrepreneurship, legal, accounting, and financial practices, and the stock and securities market; and therefore how they affect a business's ability to achieve its organizational goals.

20782 LEC 11:45 am - 1:10 pm MW STAFF, L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13689 LEC 1:35 pm - 4:45 pm W Gary, K L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

27952 LEC 4:00 pm - 5:25 pm TTh Johnson, E R ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

BUS 005- Business Law I (UC/CSU) - 3 Units
Business Law I
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<th>Start/End Time</th>
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<td>14182</td>
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<td>TBA</td>
<td>Sonnier, G D</td>
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<td>14186</td>
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</table>

**BUS 032- Business Communications (CSU) - 3 Units**

This course will help students to present themselves to potential employers, solve problems, use various forms of written communication, collaborate with work teams, and use technology to communicate. Learn how to succeed in today's competitive, diverse and global business environment through excellent communication and teamwork skills.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. AND</td>
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<tr>
<td>14352</td>
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<td>Wilson-Aus, A M</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.</td>
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**BUS 038- Business Computations (CSU) - 3 Units**

A course designed to cover the fundamentals of mathematics in business. Practical problems in trade and cash discounts, interest, taxes, and insurance, accounting and finance, fractions and decimals, banking and payroll, and percentage applications.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>F</td>
<td>Gary, K L</td>
<td>ON LINE</td>
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<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>27849</td>
<td>LEC</td>
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<td>Th</td>
<td>Ahmad, J</td>
<td>ON LINE</td>
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<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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</table>

**BUS 941- Cooperative Education - Business (CSU) (RPT 3) - 4 Units**

Cooperative Education - Business
COUNSELING
COUNSEL 002- Interpersonal Relationships (CSU) (RPT 3) - 1 Unit
Enhances interpersonal skills for building effective communication for personal and professional growth. It utilizes group dynamics by enhancing self-esteem through self-awareness, acceptance, ability to listen and workplace habits. An honest appraisal of individual strengths and weaknesses is made in an effort to help remove barriers to social and academic growth. A student educational plan (SEP) will be developed.

COUNSEL 004- Career Planning (CSU) - 1 Unit
Designed to assist students in choosing a major or career. Students will explore their interests, skills, personality type and values through the use of career assessments and on-line resources. Students will access information regarding occupational characteristics, employment trends and labor market updates. Emphasis will be placed on the development of a student educational plan (SEP).

COUNSEL 005- College Survival (CSU) (RPT 1) - 2 Units
Provides the students with information enabling them to succeed in college program. Emphasis will be placed on development of making informed decisions, study skills, time management, financial literacy, an understanding of college terminology, utilization of college support services and development of a Student Educational Plan (SEP).

COUNSEL 020- Post-Secondary Education: The Scope Of Career Planning (CSU) - 3 Units
*Requirement Designation: Meets CSU E*
Introduces students to the role of higher education in society and to their role as students. Students explore...
personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer. This course will also provide students with an overview of campus resources and policies. A student educational plan (SEP) will be developed.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26666 LEC</td>
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<td>TTh</td>
<td>Salmons, I</td>
<td>ON LINE</td>
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<tr>
<td>26665 LEC</td>
<td>0:00 hrs/wk</td>
<td>TBA</td>
<td>Hosseini, A</td>
<td>ON LINE</td>
<td></td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

COUNSEL 022- The Transfer Process (UC/CSU) - 1 Unit
Provides an introduction to the transfer process. It is designed to enable students to become active participants in planning their long-term educational and career goals and will provide students with an understanding of the process and the requirements for transferring to a four-year college or university. These goals will enable the student to develop a transfer educational plan and to be prepared to apply to a transfer institution. The course will consist of lecture, use of internet resources, guest speakers and student assignments.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>26290 LEC</td>
<td>2:05 hrs/wk</td>
<td>TBA</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

COUNSEL 040- College Success Seminar (UC/CSU) - 3 Units
Introduces students to the study of the educational, psychological, intellectual, social, and health-related factors that impact lifelong learning, well-being, and success. Students engage topics such as motivation, critical thinking, learning strategies, time management, communication strategies, career exploration and educational planning by means of active learning strategies such as classroom activities and discussions, peer presentations, real world scenarios and collaborative problem solving assignments.

Note: Credit only given for either Counseling 40 or Personal Development 40, but not both.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>25718 LEC</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 09/14/2020, Ends 12/06/2020)

Carpentry
CRPNTRY 105- Calculations And Measurement For Woodworking Students I - 3 Units
This course covers the basic math skills needed to perform in the construction field. Emphasis is placed on the basic operations and how they are applied to carpentry. Measurement calculations will be performed in both standard and metric measurements.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>16456</td>
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<tr>
<td>18899</td>
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<tr>
<td>16492</td>
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<tr>
<td>27200</td>
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<tr>
<td>16458</td>
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</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 111A- Construction Ia (CSU) - 3 Units**
This course covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of residential foundation and wall construction, use of rough and finish hardware, glues and adhesives, federal, state, and local building codes and ordinances are studied.

**CRPNTRY 111C- Construction Ic - 2 Units**
This course covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of residential foundation and wall construction, use of rough and finish hardware, glues and adhesives, federal, state, and local building codes and ordinances are studied.

**CRPNTRY 114- Hand And Power Tool Application (CSU) - 4 Units**
This course focuses on the safe use of hand and power tools used in the carpentry and construction industry. Operation and safety instruction will be given on both portable and stationary power tools including skill saws, table saws, jointers, planers, band saws, etc. Students will use hand and power tools to complete woodworking and carpentry projects.

**CRPNTRY 115- Basic Blueprint Reading And Core Construction Skills (CSU) - 3 Units**
Students will be familiarized with the basic terms for construction drawings, components, and symbols. Emphasis is placed on the different types of drawings and how to interpret and use the Information. Students will also complete core construction training in safety, hand tools, power tools, communications, materials handling, and material handling. Successful completion can lead to NCCER Core certification.

**CRPNTRY 117- Construction Materials - 2 Units**
This course focuses on building materials such as concrete, steel and a variety of woods used for exterior and interior carpentry finish; insulation, flashing, roof covering, interior and exterior wall covering, wood trim and other finish materials in residential construction; rough and finish hardware such as nails, screws, bolts, timber fasteners, gang nailing, power fastening, powder actuated fasteners, joist hangers, clips, etc.; methods of installation

16462 LAB 10:45 am - 12:00 pm MWF Wagenbach, A J ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CRPNTRY 123- Basic House Construction (CSU) - 6 Units
This course covers the basic framing operations involved in residential construction. students will complete the framing process using large scale models. Basic construction tool operations, and processes will be emphasized and tested.

16464 LAB 7:00 am - 2:35 pm TTh Olszewski, J R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CRPNTRY 124- Blueprint Reading And Estimating I - 3 Units
Students will learn blueprint reading through the process of estimation. Material take offs, detail methods, labor calculations, profit, overhead and bid procedures will be examined.

16466 LAB 7:00 am - 10:35 am MW Olszewski, J R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CRPNTRY 130- Calculations And Measurement For Woodworking Students II - 3 Units
Students complete common woodworking and construction calculations with an emphasis on percentage, area and volume calculations, algebra, geometry and trigonometry as they apply to the carpentry and woodworking trades. Students calculate concrete volume, lumber requirements and material quantities, as well as perform length and size calculations.

16467 LEC 10:45 am - 12:10 pm MW Blumenfeld, S ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CRPNTRY 132- Applied Blueprint Reading (CSU) - 3 Units
This course focuses on construction documents used in the construction of residential and light commercial projects. Emphasis is placed on the interpretation of drawings, standards, specifications, and symbols used in construction. Gathering information for material requirements and estimates will be major component of the course.

16470 LAB 8:30 am - 12:05 pm MW Alvarez, J L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CRPNTRY 133- Advanced Residential Estimating (CSU) - 3 Units
Students complete a comprehensive residential estimation project including materials, labor, overheads costs
and expenses. Students perform materials take off using detailed and unit methods. Students estimate concrete and rebar requirements, lumber needs for floor, wall and roof construction as well as interior and exterior finishing materials. Labor costs are also calculated for common construction jobs. At the end of the course students will complete a comprehensive estimate for a residential construction project.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 134- Advanced Residential Construction (CSU) - 4 Units**

This course is a continuation of Basic Construction. Students will complete framing operations involving floor, wall, ceiling and roof construction. In addition, this course goes into greater depth in the areas of rough in for the preparation of electrical, plumbing, heating and ventilation.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

<table>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 135- Concrete Construction (CSU) - 2 Units**

Students explore and experience concrete concepts and forming. Emphasis will be placed on slab on grade forms and construction and stem forming. Students will use leveling instruments to square, level and layout buildings and forms.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 144- Residential Exterior Finish (CSU) - 4 Units**

In this course, students will learn the tools, techniques, and principles of residential exterior finish. Students will install exterior finish materials such as siding, stucco and shingles. An emphasis will be placed on installation of roofing materials such as asphalt shingles.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 145- Residential Interior Finish (CSU) - 5 Units**

The course will focus on the materials, practices, and principles of interior finish work for residential construction. Emphasis will be placed on drywall installation and finishing, installation of interior door, installation of door hardware. Students will also install door and window casing, baseboard, and crown molding. Stair layout and construction will also be reviewed.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>TTh</td>
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</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 241- Blueprint Reading And Estimating - 3 Units**

Students will learn blueprint reading through the process of estimation. Material take offs, detail methods, labor calculations, profit, overhead and bid procedures will be examined.

| 20827    | LEC      | 6:00 pm - 9:10 pm | W      | Wagenbach, A J       | ON LINE |

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CRPNTRY 941- Cooperative Education - Carpentry (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

| 18090    | LEC      | 4:25 hrs/wk | TBA   | Blumenfeld, S       | ON LINE |

Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Chemistry**

**CHEM 051- Fundamentals Of Chemistry I (UC/CSU) - 5 Units**

*Requirement Designation:* *Meets IGETC 5A 5C CSU B1 B3*

*Enrollment Requirement:* Prerequisite: MATH 114 or MATH 115

Chemistry 51 is a descriptive course in general, organic and biological chemistry designed for nursing and Allied Health students. Topics include: the metric system of measurements, chemical symbols, formulas and nomenclature systems, chemical equations and physical and chemical characteristics for all states of matter. Other topics include acids, bases, buffers and pH. Organic topics focus on functional group identification including hydrocarbons, organic halide, alcohols, ethers, ketones, aldehydes, amines, carboxylic acids, esters and other acid derivatives, carbohydrates, lipids and proteins are also surveyed.

| 12412    | LEC      | 11:25 am - 3:50 pm | Sa     | Parkin, S H         | ON LINE |

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

| 12421    | LAB      | 8:00 am - 11:15 am | Sa     | Parkin, S H         | ON LINE |

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

| 12372    | LEC      | 8:30 am - 11:40 am | W      | Diaz, M             | ON LINE |

| And      | LEC      | 11:50 am - 12:40 pm | W      | Diaz, M             | ON LINE |

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

*As of Date 07/20/2020*
<table>
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<th>Start/End Time</th>
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<tr>
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<td>19843</td>
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<td>12435</td>
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<td>27329</td>
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<td>27330</td>
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<td>20833</td>
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<td>12395</td>
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<tr>
<td>12519</td>
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<td>4:05 pm - 6:10 pm</td>
<td>TTh</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
## CHEM 101- General Chemistry I (UC/CSU) - 5 Units

**Requirement Designation:** Meets IGETC 5A 5C CSU B1 B3

**Enrollment Requirement:** Prerequisite: MATH 125

This is the first semester of a one-year course in general chemistry intended for majors in the natural sciences, (chemistry, biochemistry, biology, physics, pre-medicine), mathematics and engineering. Topics presented in this course include chemical nomenclature, atomic structure, quantum theory, bonding theories and molecular geometries, chemical equations, oxidation-reduction, stoichiometry, thermochemistry, solid, liquid and gaseous states and related forces, gas laws, solutions and colligative properties, periodic relationships, and acid-base theories. Lab work involves both qualitative and quantitative analysis.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>27328</td>
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<td>Truong, D C</td>
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<tr>
<td>14211</td>
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<td>8:00 am - 11:10 am</td>
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<td>Babajide, R M</td>
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### 2020 Fall SCHEDULE

<table>
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<th>Class No</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

#### CHEM 102- General Chemistry II (UC/CSU) - 5 Units

**Requirement Designation:** Meets IGETC 5A 5C CSU B1 B3

**Enrollment Requirement:** Prerequisite: CHEM 101

This is the second semester of a one-year course in general chemistry intended for majors in the natural sciences, (chemistry, biochemistry, biology, physics, pre-medicine), mathematics and engineering. Topics presented in this course include chemical kinetics, molecular and ionic equilibria, thermodynamics, electrochemistry, and nuclear, coordination, descriptive and organic chemistry. Lab work involves both qualitative and quantitative analysis.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14475</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>MW</td>
<td>Acosta, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>14480</td>
<td>LEC</td>
<td>10:25 am - 11:50 am</td>
<td>TTh</td>
<td>Harper Delupio, R V</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td></td>
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<td></td>
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<tr>
<td>14483</td>
<td>LAB</td>
<td>12:00 pm - 3:10 pm</td>
<td>TTh</td>
<td>Harper Delupio, R V</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td></td>
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<tr>
<td>14469</td>
<td>LEC</td>
<td>1:35 pm - 3:00 pm</td>
<td>TTh</td>
<td>Sachdev, V</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>14472</td>
<td>LAB</td>
<td>3:15 pm - 6:25 pm</td>
<td>TTh</td>
<td>Sachdev, V</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
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</tr>
<tr>
<td>26488</td>
<td>LEC</td>
<td>4:45 pm - 6:10 pm</td>
<td>MW</td>
<td>Shukla, B</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>26489</td>
<td>LAB</td>
<td>6:20 pm - 9:30 pm</td>
<td>MW</td>
<td>Shukla, B</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CHEM 211- Organic Chemistry For Science Majors I (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 5A 5C CSU B1 B3

Enrollment Requirement: Prerequisite: CHEM 102

This course is the first part of a two semester organic chemistry course sequence. Students are introduced to organic molecular structures, bonding, nomenclature including conformational analysis, potential energy plots, hybridization, stereochemistry and functional group chemistry, with emphasis on reactions and reaction mechanisms. It also includes the applications of instrumental methods in functional group analysis and identification of molecular structures. In the laboratory students learn the essential skills and techniques of preparation, isolation, purification, and analysis of organic compounds by employing standard and modern instrumental methods. This course also emphasizes the use and interpretation of Nuclear Magnetic Resonance (NMR), Infrared (IR) Spectroscopy and Gas Chromatography (GC) in the analysis and identification of organic compounds.

This course is part of the transfer sequence for careers in the physical, biological, and health sciences and a requirement for the Associate of Sciences degree in Chemistry.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>23497</td>
<td>LEC</td>
<td>8:00 am - 9:25 am</td>
<td>TTh</td>
<td>Diaz, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

14561 LEC 4:45 pm - 6:10 pm  MW  Acosta, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
14562 LAB 6:35 pm - 9:45 pm  MW  Acosta, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CHEM 212- Organic Chemistry For Science Majors II (UC/CSU) - 5 Units

Requirement Designation:  Meets IGETC 5A 5C CSU B1 B3
Enrollment Requirement:  Prerequisite: CHEM 211
This course is a continuation of Chemistry 211 with emphasis on the remaining functional groups and aromaticity. Emphasis is put on reactions and reaction mechanisms, stereochemistry, multi-step synthesis of a variety of organic compounds such as aromatic compounds, alcohols, phenols, amines, heterocyclics, aldehydes, ketones, carboxylic acids and their derivatives. The structures, formation and reactions of enoles and enolate anions are also studied. The structures and functional group reactions of biological molecules such as carbohydrates, amino acids, polypeptides, lipids and nucleic acids are discussed. The laboratory work presents more techniques of multi-step synthesis, isolation, purification, and analysis of organic compounds using conventional and modern instrumental methods. This course also emphasizes the use and interpretation of Nuclear Magnetic Resonance (NMR), Infrared (IR), Mass Spectroscopy (MS), Ultraviolet (UV), and Gas Chromatograph (GC) in the analysis and identification of organic compounds.

The Chem. 211 and 212 sequence satisfy the one year organic chemistry requirement for careers in the physical, biological, and health sciences and a requirement for the Associate of Sciences degree in Chemistry.

19197 LEC 1:35 pm - 3:00 pm  MW  Diaz, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
19198 LAB 3:15 pm - 6:25 pm  MW  Diaz, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Child Development

CH DEV 001- Child Growth And Development (UC/CSU) - 3 Units

Requirement Designation:  Meets IGETC 4I CSU D9 E
Students examine the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.
## 2020 Fall Schedule

LA Trade-Technical College

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>23229</td>
<td>LEC</td>
<td>8:00 am - 11:50 am</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>STEAM Academy</td>
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</tbody>
</table>

Enrollment and participation open for all students.
For more information, please visit the STEAM Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109. (Starts 09/14/2020, Ends 12/20/2020)

| 20838    | LEC       | 8:35 am - 11:55 am   | TTh  | Patron, A  | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

| 20839    | LEC       | 8:35 am - 11:45 am   | TTh  | Maina, R G | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

| 15813    | LEC       | 9:00 am - 12:10 pm   | F    | STAFF, L   | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 15810    | LEC       | 1:30 pm - 4:40 pm    | T    | Vega, C    | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 26703    | LEC       | 6:00 pm - 9:10 pm    | M    | STAFF, L   | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### CH DEV 002- Early Childhood: Principles And Practices (CSU) - 3 Units

**Enrollment Requirement:** Prerequisite: CH DEV 001  
TB clearance required
The student will explore the history of early childhood education as well as current philosophies and practices. Early Childhood programs will be observed and examined in relation to the needs of the child, the arrangement of the environment and the role of the teacher.

| 20848    | LEC       | 8:35 am - 11:50 am   | MW   | Maina, R G | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

| 26702    | LEC       | 6:00 pm - 9:10 pm    | T    | STAFF, L   | ON LINE|
|          |           |                      |      |            |        |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### CH DEV 007- Introduction To Curriculum In Early Childhood Education (CSU) - 3 Units

**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 002
Students learn and develop the knowledge and skills to provide appropriate curriculum and environments for
young children from birth to age 6. Students examine a teacher's role in supporting development and fostering the joy of learning for all young children using observation and assessment strategies emphasizing the essential role of play. Planning, implementation and evaluation of curriculum includes but not be limited to: language and literacy, social and emotional learning, sensory learning, art and creativity, math, natural and physical sciences.

20845  LEC  8:35 am - 11:50 am  TTh  Patron, A  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

20851  LEC  8:35 am - 11:50 am  MW  Maina, R G  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

16045  LEC  6:00 pm - 9:10 pm  T  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CH DEV 008- Curriculum In Early Childhood Education (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 007

Students design and evaluate developmentally appropriate curriculum and environments for young children from birth to age 8. Based on the value of play, students demonstrate the teacher's role in applying theory to practice in supporting children's concept development. Preparing and assessing the implementation of curriculum will include but not be limited to: language and literacy, social studies, art and creativity, music and rhythm, perceptual motor development, mathematics, natural and physical sciences.

16076  LEC  6:00 pm - 9:10 pm  Th  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CH DEV 010- Health, Safety And Nutrition (CSU) - 3 Units

Students learn about the laws, regulations, standards, policies and procedures and early childhood curriculum related to child health, safety and nutrition. The key components that ensure physical health, mental health, and safety for children and staff are identified along with importance of collaboration with families and health professional. The interrelationship of health, safety and nutrition and the impact on children's growth and development are key focuses.

20853  LEC  8:35 am - 11:55 am  MW  Vega, C  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

16102  LEC  9:00 am - 12:10 pm  F  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
2020 Fall SCHEDULE

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<thead>
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<th>Start/End Time</th>
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<td>LEC</td>
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<td>T</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CH DEV 011- Child, Family And Community (CSU) - 3 Units**

An examination of the developing child in a societal context focusing on the interrelationship of family, school and community and emphasizes historical and socio-cultural factors. The processes of socialization and identity development will be highlighted, showing the importance of respectful, reciprocal relationships that support and empower families.

<table>
<thead>
<tr>
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<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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<tbody>
<tr>
<td>20847</td>
<td>LEC</td>
<td>8:35 am - 11:55 am</td>
<td>MW</td>
<td>Vega, C</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

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<th>Instructor</th>
<th>Room</th>
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<td>20854</td>
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<td>1:30 pm - 4:40 pm</td>
<td>MW</td>
<td>Maina, R G</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>10509</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>W</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CH DEV 022- Practicum In Child Development I (CSU) - 4 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 007 and CH DEV 011

Students are assigned to an approved Early Care and Education program to practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of an ECD/CD faculty and other qualified early education professionals. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, assessment, and knowledge of curriculum content areas is emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
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<tr>
<td>10910</td>
<td>LEC</td>
<td>1:30 pm - 3:35 pm</td>
<td>W</td>
<td>Williams, J</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

**AND**

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>10913</td>
<td>LAB</td>
<td>6:45 hrs/wk</td>
<td>TBA</td>
<td>Williams, J</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>10927</td>
<td>LEC</td>
<td>6:00 pm - 8:05 pm</td>
<td>W</td>
<td>Lovett, M A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

**AND**

10936  LAB  6:45 hrs/wk  TBA  Lovett, M A  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

**CH DEV 023- Practicum In Child Development II (CSU) - 4 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 022

This course provides an advanced practicum experience. Students apply assessment strategies to plan, implement, and evaluate developmentally appropriate activities. Techniques that promote partnerships between teachers and families are developed. An educational philosophy statement, a resume and a professional portfolio are created. Students assigned to directed practicum teaching in a child development center demonstrate professional and ethical behaviors.

11123  LEC  6:00 pm - 8:05 pm  W  Kiel, W S  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

**AND**

11127  LAB  6:45 hrs/wk  TBA  Kiel, W S  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

To register for this class, please contact Nicole Flores at floresn3@lattc.edu.

**CH DEV 030- Infant/Toddler Development (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 001

This course reviews physical, social-emotional, language and cognitive development during the period of infancy and toddlerhood. Focus is on infant/toddler group care and licensing regulations related to this age. The course also addresses the role of the caregiver in meeting the needs of infants and toddlers and their families through responsive, respectful and sensitive caregiving practices. Varying philosophies and issues of diversity are explored.

22501  LEC  8:35 am - 11:55 am  MW  Patron, A  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

17746  LEC  6:00 pm - 9:10 pm  M  Velasco, P  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CH DEV 031- Infant/Toddler Care and Education (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 030

The principles and practices of inclusive and respectful caregiving for infants and toddlers within a variety of program designs will be studied and analyzed. Attention will be given to designing environments and curriculum that support current research into brain theory, language development, assessment, early intervention, and inclusion practices.
<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27294</td>
<td>LEC</td>
<td>8:35 am - 11:55 am</td>
<td>MW</td>
<td>Patron, A</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

**CH DEV 034- Observing And Recording Children's Behavior (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 001

This course focuses on the appropriate use of a variety of assessment and observation strategies to document child development, growth, behaviors, play and learning, and to join with families and professionals in promoting children's success. Recording strategies, rating systems, portfolios, and multiple assessment tools are explored. Child observations will be conducted and analyzed.

<table>
<thead>
<tr>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20850</td>
<td>LEC</td>
<td>8:35 am - 11:55 am</td>
<td>TTh</td>
<td>Maina, R G</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

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<th>Room</th>
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<td>11389</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>M</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CH DEV 038- Administration & Supervision Of Early Childhood Programs I (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 010 and CH DEV 011

Administration & Supervision Of Early Childhood Programs I

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>17747</td>
<td>LEC</td>
<td>9:00 am - 12:10 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CH DEV 042- Teaching In A Diverse Society (CSU) - 3 Units**

Students examine the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course involves self-reflection of one's own understanding of educational principles in integrating anti-bias goals in order to better inform teaching practices and/or program development.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>20843</td>
<td>LEC</td>
<td>1:30 pm - 4:50 pm</td>
<td>W</td>
<td>Patron, A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20856</td>
<td>LEC</td>
<td>1:30 pm - 4:50 pm</td>
<td>MW</td>
<td>Maina, R G</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>11703</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>M</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<td></td>
<td>CH DEV 044- Early Intervention For Children With Special Needs (CSU) - 3 Units</td>
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<tr>
<td></td>
<td></td>
<td>Enrollment Requirement: Prerequisite: CH DEV 001 and CH DEV 030</td>
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<td></td>
<td></td>
<td>This course is designed for students interested in specializing in working with young children with exceptional needs and their families. Instruction focuses on accommodating and adapting the physical environment, instructional strategies and curriculum to meet the needs of differently-abled very young children and their families.</td>
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<td></td>
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<tr>
<td></td>
<td></td>
<td>20844 LEC 8:35 am - 11:55 am TTh Vega, C ON LINE</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)</td>
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<td></td>
<td></td>
<td>22490 LEC 6:00 pm - 9:10 pm Th STAFF, L ON LINE</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td></td>
<td>CH DEV 046- School Age Programs I (CSU) - 3 Units</td>
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<td></td>
<td>Enrollment Requirement: Prerequisite: CH DEV 001</td>
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<td>This course examines school age care programs designed for those planning to work in before and after school programs. The students will explore the developmental needs of school age children, program models, creation of environments, classroom management techniques and designing developmentally appropriate experiences as well as curriculum.</td>
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<td></td>
<td></td>
<td>11921 LEC 9:00 am - 12:10 pm Sa STAFF, L ON LINE</td>
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<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td></td>
<td>CH DEV 048- Positive Guidance In Early Childhood Settings (CSU) - 3 Units</td>
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<td>Enrollment Requirement: Prerequisite: CH DEV 001</td>
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<td></td>
<td>Exploration of developmentally appropriate management techniques for children in early childhood settings. Emphasis is on developing culturally sensitive individualized plans for behavior management of children with traditional and exceptional needs.</td>
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<td></td>
<td></td>
<td>18911 LEC 8:35 am - 11:45 am TTh Vega, C ON LINE</td>
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<tr>
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<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)</td>
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<tr>
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<td></td>
<td>CH DEV 065- Adult Supervision/Early Childhood Mentoring (CSU) - 2 Units</td>
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<td></td>
<td></td>
<td>Enrollment Requirement: Corequisite: CH DEV 023 or CH DEV 039</td>
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<td>The class focuses on the principles and practices of supervision and evaluation of staff in Early Childhood Programs. Emphasis is placed on the role of experienced teachers who mentor or supervise new teachers and student teachers. This meets supervision requirement for the Child Development Permit.</td>
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</table>
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)</td>
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<tr>
<td>27765</td>
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<td>TBA</td>
<td>Vega, C</td>
<td>ON LINE</td>
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<td>Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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</tr>
<tr>
<td>15656</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>TTh</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
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<tr>
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<td>Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>15753</td>
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<td>MW</td>
<td>Mock, J C</td>
<td>ON LINE</td>
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<td></td>
<td>Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>15786</td>
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<td>TTh</td>
<td>Mock, J C</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td></td>
<td>Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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**CH DEV 941- Cooperative Education - Child Development (CSU) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

**Communication Studies**

**COMM 101- Public Speaking (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 1C CSU A1*

Students study the theory and techniques of public speaking in a democratic society. Students will apply rhetorical principles to topic selection and audience analysis, research and reasoning of information, speech composition and outlining, presentation aids and delivery, and listening and evaluation of public discourse. Students practice effective communicative strategies for various types of original speeches including informative and persuasive speeches. Focus will be on developing credibility as a speaker and demonstrating confidence before an audience. This course meets Communication Studies Associate Degree for and transfer requirements in Oral Communication.

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**STEAM Academy**

Enrollment and participation open for all students.

For more information, please visit the STEAM Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

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As of Date 07/20/2020
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
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<td>Mock, J C</td>
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<tr>
<td>15736</td>
<td>LEC</td>
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<td>Mock, J C</td>
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<tr>
<td>15746</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Mock, J C</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15660</td>
<td>LEC</td>
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<td>TBA</td>
<td>McDermott, D A</td>
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<td>15662</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
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<td>McDermott, D A</td>
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<tr>
<td>15666</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
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<tr>
<td>15668</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>McDermott, D A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26118</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>McDermott, D A</td>
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<tr>
<td>15675</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
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<tr>
<td>15701</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
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<tr>
<td>15706</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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2020 Fall SCHEDULE

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>15763</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Glavan, J J</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

| 23240    | LEC       | 3:10 hrs/wk       | TBA  | Glavan, J J   | ON LINE       |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Community Plan/Economic Dev

**COMPLAN 006- Managing Non-Profit And Public Organizations (CSU) - 3 Units**

This course deals with the organizational opportunities and challenges faced by directors and managers of non-profit and public service organizations. The course teaches students the skills and knowledge to effectively manage and function within non-profit organizations. Topics covered include an overview of the non-profit sector, organizational governance and leadership, program planning, implementation and evaluation, and fundraising strategies.

| 26609    | LEC       | 6:00 pm - 9:10 pm | Th   | Vela-Lovelace, V L | ON LINE       |

Class offered completely online through Canvas. ZOOM calls will be scheduled during listed days/times.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**COMPLAN 010- Comprehensive Community Violence Prevention (CSU) - 3 Units**

The course provides students an overview of the larger issues of violence prevention and its impact on community development. The course prepares students for work in the field of community violence prevention.

| 23243    | LEC       | 6:00 pm - 9:10 pm | M    | Abdul-Mu'min, J | OFF CAMP      |

Amity Foundation  
3750 S. Grand Ave. Los Angeles, CA 90007  

Enrollment and participation open to all students and is located offsite. For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**COMPLAN 011- Professional Development Skills/Issues In Community Dev (CSU) - 3 Units**

Learn about the field of community development by exploring historical and current trends. Explore the range and scope of organizations working in the field, leadership, issues, community served and approaches to community based solutions.

| 26606    | LEC       | 6:00 pm - 9:10 pm | T    | Torres, E      | ON LINE       |

Class offered completely online through Canvas. ZOOM calls will be scheduled during listed days/times.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**COMPLAN 012- Fundraising Basics For Nonprofit Organizations (UC/CSU) - 1 Unit**

This course provides students with a basic understanding of fundraising and grant development concepts,
<table>
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<tr>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>26604</td>
<td>LEC</td>
<td>6:00 pm - 10:15 pm</td>
<td>M</td>
<td>Henderson, P</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Class is held online through Canvas. Meeting times are listed for ZOOM calls.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 11/23/2020, Ends 12/20/2020)

**COMPLAN 017- Leadership Development And Skill Building - 3 Units**
Learn to define leadership models in which all members of society play pivotal roles in change. Students will understand importance of cultural competency in leadership and develop skills to become community change agents.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27698</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Galindo, M</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to the COVID 19 pandemic, this class will be held entirely online. Listed days and times refer to ZOOM call times.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**COMPLAN 022- Social Media for Organizing and Civic Engagement (CSU) - 2 Units**
This course will cover effective media strategies for community organizing campaigns, effective messaging that reflects the values of the community and an introduction to using media tools such as social media, self-generated radio and press events.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26610</td>
<td>LEC</td>
<td>1:00 pm - 3:50 pm</td>
<td>F</td>
<td>Torres, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Class offered completely online through Canvas. ZOOM calls will be scheduled during listed days/times.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 09/21/2020, Ends 12/20/2020)

**COMPLAN 040- Non-Profit Program Design And Development (CSU) - 2 Units**
This course guides students to design and develop non-profit programs that are highly integrated into a non-profit service organization's mission, vision and values. Topics include identifying conditions, research and problem analysis, program goal development, outcome creation, implementation strategies and evaluation of impact.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26603</td>
<td>LEC</td>
<td>6:00 pm - 9:05 pm</td>
<td>M</td>
<td>Torres, B</td>
<td>ON LINE</td>
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</table>

This class will be offered through Canvas, online, but ZOOM calls will be during scheduled times: Mondays 6 - 9:10pm

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 11/16/2020)

**COMPLAN 042- Sustaining Social Justice Victories and Organizations - 1 Unit**
This course will introduce students to current models for sustaining a social justice organization including evaluating the non-profit, social entrepreneurship and self-help models to support community revitalization and empowerment.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26611</td>
<td>LEC</td>
<td>10:00 am - 2:15 pm</td>
<td>Sa</td>
<td>Johnson, S E</td>
<td>ON LINE</td>
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Class offered completely online through Canvas. ZOOM calls will be scheduled during listed days/times.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 11/07/2020, Ends 12/05/2020)
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<th>Class No</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
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<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<td>17999</td>
<td>LAB</td>
<td>10:45 am - 12:50 pm</td>
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<td>Bailey, P</td>
<td>ON LINE</td>
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</table>

**COMPLAN 102- Cultivating Consciousness: Reflection Of The Self In Community As An Organizer - 1 Unit**
Community organizers will explore issues of race, class and privilege and its impact on the self and communities. Students will learn skills and knowledge related to group dynamics, sustainability, self analysis and macro and micro issues related to the role of community organizers.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 09/26/2020, Ends 10/10/2020)

**COMPLAN 201- Financial Management Assistance For Small Business For Economic Development Professional - 3 Units**
This course is focused on the fundamentals of financial management for nonprofit staff and will provide tools and opportunities to practice for the organizations.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Computer Apps Office Tech**

**CAOT 002- Computer Keyboarding and Document Applications II (CSU) - 3 Units**
Students continue to improve keyboarding techniques, speed, and accuracy through drills and timed writings. They use Microsoft Word to create memos, letters, reports, and tables as well as focus on improving proofreading skills.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 007- Machine Transcription - 3 Units**

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 030- Office Procedures (CSU) - 3 Units**

Office Procedures

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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>M</td>
<td>Taylor, P A</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 033- Records Management and Electronic Filing - 3 Units**

Students learn creation, storage, disposition and preservation of all types of documents using alphabetic, geographic, numeric, and subject methods. Includes database management on a microcomputer.

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<td>18000</td>
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<td>W</td>
<td>Emerson, V M</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 034- Business Terminology (CSU) - 2 Units**

This course will enrich vocabulary and improve spelling with particular emphasis on terminology used in a business environment.

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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 082- Microcomputer Software Survey In The Office (CSU) - 3 Units**

This course provides hands-on experience and training in the basic concepts and functions of the Microsoft Office Suite. Students gain core level skills necessary to design, create, and edit word processing documents using Word, spreadsheets using Excel, databases using Access, and presentation graphics using PowerPoint. Other topics may include e-mail and communication software using Outlook, information systems, e-commerce, networking, ethics and security, and computer hardware components, and the Windows operating system.

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<tr>
<th>Class No</th>
<th>Component</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**CAOT 082- Microcomputer Software Survey In The Office (CSU) - 3 Units**

This course provides hands-on experience and training in the basic concepts and functions of the Microsoft Office Suite. Students gain core level skills necessary to design, create, and edit word processing documents using Word, spreadsheets using Excel, databases using Access, and presentation graphics using PowerPoint. Other topics may include e-mail and communication software using Outlook, information systems, e-commerce, networking, ethics and security, and computer hardware components, and the Windows operating system.

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<td>14915</td>
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<td>MW</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current
CAOT 084- Microcomputer Office Applications: Word Processing (CSU) - 3 Units
Use basic and advanced commands in Microsoft Word or other word processing software to create, format, edit, save, and print documents including letters, tables, reports, and merge documents. Use desktop publishing features to create newsletters, brochures, fliers, and resumes.
15035 LEC 2:05 hrs/wk TBA Bailey, P ON LINE
Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CAOT 085- Microcomputer Office Applications: Spreadsheet (CSU) - 3 Units
Microcomputer Office Applications: Spreadsheet
15074 LEC 8:00 am - 9:05 am F Bailey, P ON LINE
Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Computer Information Systems
CIS 102- Computer Concepts (CSU) - 3 Units
This course provides an overview of Information Technology concepts that explore the aspects of computer hardware and software, operating systems and networking, programming, and the Internet. Class lectures cover prevailing industry terminologies and the latest breakthroughs in the field of Information Technology that span the convergent branches of hardware, software, and the Internet as evident in today's social media wherein online human interaction is mediated by advanced hardware/software technologies, and the so-called 'Internet of Things' where all digital devices known to humankind are connected and how they affect modern society. This course is designed for students with minimal or no previous computer background and those who need to refresh their knowledge with the latest terms and trends in Information Technology.
26753 LEC 2:05 hrs/wk TBA STAFF, L ON LINE
Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. Previously CO INFO 700

AND
26754 LAB 2:05 hrs/wk TBA STAFF, L ON LINE
Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. Previously CO INFO 700
### CIS 104- Microcomputer Application Software (CSU) - 4 Units
Microcomputer Application Software

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<th>Class No</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Previously CO INFO 701

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This class was previously Co Info701

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

26860 LEC 2:05 hrs/wk TBA Pakbaz, M ON LINE

FORMERLY CO INFO 701

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Previously CO INFO 701

### CIS 120- Introduction to Databases (CSU) - 3 Units

This course covers a complete presentation of database creation and management using Access. It includes database design, creation of tables, forms, queries, reports, macros, integrating data into a database, and using Structured Query Language (SQL).

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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Previously CO INFO 733

### CIS 126- Adobe Dreamweaver (HTML WordPress CSS) (CSU) - 3 Units
Adobe Dreamweaver (HTML WordPress CSS)

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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</table>
| 2020 Fall SCHEDULE | LA Trade-Technical College | **CIS 148- Introduction to Web Development HTML5 & CSS (CSU) - 3 Units**  
Introduction to Web Development HTML5 & CSS | | | |
| 26852    | LEC       | 9:15 am - 11:20 am   | M    | STAFF, L    | ON LINE     |
|          |           |                      |      |             |             |
|          |           | Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. | | | |
|          |           | Previously CO INFO 757 | | | |
| AND      | LAB       | 9:15 am - 11:20 am   | W    | STAFF, L    | ON LINE     |
| 26853    |           |                      |      |             |             |
|          |           | Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. | | | |
|          |           | Previously CO INFO 757 | | | |
| **CIS 165- Principles of Information Security (CSU) - 3 Units**  
The principles of information security including new innovations in technology and methodologies. Course includes the historical overview of information security, risk management and security technology (Firewalls and VPNs), current certification information, legal, ethical, and professional issues. Cryptography, physical security, and implementing information security will be covered. Lab exercises allow the students to apply the basics in a hands-on environment. | | | | | |
| 27748    | LEC       | 8:00 am - 10:05 am   | Sa   | STAFF, L    | ON LINE     |
|          |           |                      |      |             |             |
|          |           | Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. | | | |
|          |           | Formerly CO INFO 012 | | | |
| AND      | LAB       | 10:35 am - 12:40 pm  | Sa   | STAFF, L    | ON LINE     |
| 27749    |           |                      |      |             |             |
|          |           | Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. | | | |
|          |           | Formerly CO INFO 012 | | | |
| **CIS 210- Introduction to Computer Networking (CSU) - 3 Units**  
This course covers the fundamental principles and concepts of networks and data communications. It explores the fundamentals of telecommunications, data and voice transmission, transmission media, network equipment and devices, networking software, topologies, architecture, protocols and standards, the Open Systems Interconnection (OSI) model, Transmission Control Protocol/Internet Protocol (TCP/IP), local area networks (LAN), wide area networks (WAN), and network security. | | | | | |
| 27159    | LEC       | 6:00 pm - 8:05 pm    | T    | STAFF, L    | ON LINE     |
|          |           |                      |      |             |             |
|          |           | FORMERLY CO INFO 787 | | | |
| AND      | LAB       | 6:00 pm - 8:05 pm    | Th   | STAFF, L    | ON LINE     |
| 27164    |           |                      |      |             |             |
|          |           | Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. | | | |
|          |           | Previously CO INFO 787 | | | |
# 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

| 26859 | LAB | 6:00 pm - 8:05 pm | W | STAFF, L | ON LINE |
|FORMERLY CO INFO 709 |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## Computer Science

### CS 111- Programming in Visual Basic - 3 Units

Programming in Visual Basic

26858 LEC 6:00 pm - 8:05 pm M STAFF, L ON LINE

FORMERLY CO INFO 709

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

26859 LAB 6:00 pm - 8:05 pm W STAFF, L ON LINE

FORMERLY CO INFO 709

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### CS 112- Programming in Javascript (CSU) - 3 Units

Programming in Javascript

27155 LEC 12:00 pm - 2:05 pm T STAFF, L ON LINE

FORMERLY CO INFO 762

AND

27156 LAB 12:00 pm - 2:05 pm Th STAFF, L ON LINE

FORMERLY CO INFO 762

### CS 113- Programming in Java - 3 Units

Programming in Java

26856 LEC 3:45 pm - 5:50 pm M STAFF, L ON LINE

FORMERLY CO INFO 790

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

26857 LAB 3:45 pm - 5:50 pm W STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### CS 116- Programming in C++ (UC/CSU) - 3 Units

Programming in C++

27198 LEC 7:00 am - 9:05 am T Pakbaz, M ON LINE

FORMERLY CO INFO 739

AND

27199 LAB 7:00 am - 9:05 am Th Pakbaz, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FORMERLY CO INFO 739

26866 LEC 2:05 hrs/wk TBA Pakbaz, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

As of Date 07/20/2020
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

26867 LAB 2:05 hrs/wk TBA Pakbaz, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

CS 170- Computer Game Programming and Logic I (CSU) - 3 Units

This course will provide students with a basic understanding of how a game 'idea' is transformed to a marketable product, while educating them on the roles and duties of a game development team and the practices exercised within the game development industry. This course is an in-depth study of level plans for computer video games.

27157 LEC 3:45 pm - 5:50 pm T STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Previously CO INFO 40

AND

27158 LAB 3:45 pm - 5:50 pm Th STAFF, L ON LINE

FORMERLY CO INFO 040

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

CS 216- Object-Oriented Programming in C++ (UC/CSU) - 3 Units

Object-Oriented Programming in C++

27151 LEC 9:15 am - 11:20 am T Pakbaz, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Previously CO INFO 743

AND

27152 LAB 9:15 am - 11:20 am Th Pakbaz, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Previously CO INFO 743

Coop Ed

COOP ED 195- Work Experience - General I (CSU) - 1 Unit
Work Experience - General I

23382 LEC 1:05 hrs/wk TBA Dam, M C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 09/07/2020, Ends 12/20/2020)

COOP ED 295- Work Experience - General I (CSU) - 2 Units
Work Experience - General I
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>23380</td>
<td>LEC</td>
<td>2:10 hrs/wk</td>
<td>TBA</td>
<td>Dam, M C</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 09/07/2020, Ends 12/20/2020)

#### COOP ED 395- Work Experience - General I (CSU) - 3 Units

Work Experience - General I

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>18914</td>
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<td>TBA</td>
<td>Dam, M C</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

#### Cosmetology

**CSMTLGY 035- Skin Therapy I - 6 Units**

Students will be introduced to disinfection and sanitation procedures, basic facial manipulations, proper cleansing, toning and moisturizing applications, masks and pack techniques and operational procedures for using facial machines.

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<thead>
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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>16495</td>
<td>LEC</td>
<td>10:00 am - 11:30 am</td>
<td>MTWTh</td>
<td>Ley, L G</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

AND

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<tr>
<th>Class No</th>
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<td>16497</td>
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</table>

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(Starts 08/31/2020, Ends 10/25/2020)

**CSMTLGY 036- Skin Therapy II - 6 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 035

Students will be introduced to waxing services, makeup applications, desicculation, iontophoresis, light therapy and high frequency treatments. Skin analysis equipment, facial and body machines, airbrushing machines and hair removal techniques will be employed.

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>16499</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Ley, L G</td>
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</table>

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(Starts 10/26/2020, Ends 12/20/2020)

AND

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<th>Start/End Time</th>
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<tr>
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<td>LAB</td>
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<td>MTWTh</td>
<td>Ley, L G</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

**CSMTLGY 101- Introduction To Cosmetology (NDA) - 3 Units**

Introduction to the opportunities in the field of cosmetology. Students will learn how vocabulary, math skills, and study skills are applicable to the field, and will be better prepared to enter a full-time cosmetology program.
2020 Fall SCHEDULE

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<tr>
<td>18875</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Shackelford, S</td>
<td>ON LINE</td>
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(Starts 08/31/2020, Ends 10/25/2020)

| 18882    | LEC       | 2:00 pm - 3:30 pm| MTWTh | Chen, L H  | ON LINE  |
|          |           |                  |       |            |          |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

CSMTLGY 111- Freshman Cosmetology - 6 Units

The course covers basic manipulative skills and proper application of shampooing, scalp treatments, finger waving, curl construction, hair design, haircutting, and manicuring. Basic lecture and theory include topics on bacteriology, trichology, decontamination.

| 16505    | LEC       | 7:00 am - 8:30 am| MTWTh | Botma, S M | ON LINE  |
|          |           |                  |       |            |          |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

AND

| 16506    | LAB       | 8:40 am - 1:40 pm| MTWTh | Botma, S M | ON LINE  |
|          |           |                  |       |            |          |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

| 16508    | LEC       | 7:00 am - 8:30 am| MTWTh | Myers, A M | ON LINE  |
|          |           |                  |       |            |          |

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(Starts 08/31/2020, Ends 10/25/2020)

AND

| 16509    | LAB       | 8:40 am - 12:10 pm| MTWTh | Myers, A M | ON LINE  |
|          |           |                  |       |            |          |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

| 16502    | LEC       | 4:30 pm - 5:40 pm| MTWTh | Nunley, R M | ON LINE  |
| And      | LEC       | 4:30 pm - 5:40 pm| F      | Smith, F   | ON LINE  |

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(Starts 08/31/2020, Ends 10/25/2020)

CSMTLGY 112- Junior Salon I - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 111
The course covers basic applications of skin care and facial massage manipulations, permanent waving,
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<th>Class No</th>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td></td>
<td></td>
<td>7:00 am - 8:30 am</td>
<td>MTWTh</td>
<td>Botma, S M</td>
<td>ON LINE</td>
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<tr>
<td>16512</td>
<td>LEC</td>
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(Starts 10/26/2020, Ends 12/20/2020)

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<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>16514</td>
<td>LAB</td>
<td>8:40 am - 1:50 pm</td>
<td>MTWTh</td>
<td>Botma, S M</td>
<td>ON LINE</td>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>16516</td>
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<td>MTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td>And</td>
<td>LEC</td>
<td>7:00 am - 8:30 am</td>
<td>TW</td>
<td>Bernal McNihelk, C L</td>
<td>ON LINE</td>
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<th>Instructor</th>
<th>Room</th>
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<td>16518</td>
<td>LAB</td>
<td>8:40 am - 1:50 pm</td>
<td>MTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>8:40 am - 1:50 pm</td>
<td>TW</td>
<td>Bernal McNihelk, C L</td>
<td>ON LINE</td>
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<th>Instructor</th>
<th>Room</th>
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<td>16510</td>
<td>LEC</td>
<td>4:30 pm - 4:50 pm</td>
<td>W</td>
<td>Bernal McNihelk, C L</td>
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<tr>
<td>And</td>
<td>LEC</td>
<td>4:30 pm - 4:50 pm</td>
<td>MTF</td>
<td>Smith, F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LEC</td>
<td>4:30 pm - 4:50 pm</td>
<td>Th</td>
<td>Nunley, R M</td>
<td>ON LINE</td>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>16511</td>
<td>LAB</td>
<td>5:55 pm - 10:05 pm</td>
<td>W</td>
<td>Bernal McNihelk, C L</td>
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</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>5:55 pm - 10:05 pm</td>
<td>MTF</td>
<td>Smith, F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>5:55 pm - 10:05 pm</td>
<td>Th</td>
<td>Nunley, R M</td>
<td>ON LINE</td>
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(Starts 10/26/2020, Ends 12/20/2020)

**CSMTLGY 121- Junior Salon II - 6 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 112

The students are exposed to intermediate instruction in chemical texture services, including permanent waving, chemical hair relaxing, thermal straightening (hair pressing) and curling, hair cutting, skin care, instruction on the use of facials and nail care. Theories that are related to all areas mentioned above will be discussed.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>16522</td>
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<td>MTWTh</td>
<td>Le, J M</td>
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<th>Days</th>
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<th>Room</th>
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<tr>
<td>16523</td>
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<td>MTWTh</td>
<td>Le, J M</td>
<td>ON LINE</td>
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<tr>
<td>16519</td>
<td>LEC</td>
<td>4:30 pm - 5:40 pm</td>
<td>MTWThF</td>
<td>Young, C P</td>
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<tr>
<td>16520</td>
<td>LAB</td>
<td>5:50 pm - 9:50 pm</td>
<td>MTWThF</td>
<td>Young, C P</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>5:50 pm - 8:00 pm</td>
<td>ThF</td>
<td>Doukoure, F F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>16526</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Le, J M</td>
<td>ON LINE</td>
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<td>MTWTh</td>
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<td>Young, C P</td>
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<tr>
<td>16525</td>
<td>LAB</td>
<td>5:55 pm - 10:05 pm</td>
<td>MTW</td>
<td>Young, C P</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>5:55 pm - 10:05 pm</td>
<td>ThF</td>
<td>Doukoure, F F</td>
<td>ON LINE</td>
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</tbody>
</table>

**CSMTLGY 122- Junior Salon III - 6 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 121

The students are instructed in advanced permanent waving, soft permanent wave, chemical hair relaxing, thermal straightening (hair pressing) and curling, hair cutting, and electricity. Theories related to the above mentioned subjects will be discussed.

**CSMTLGY 131- Tinting I - 6 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 112

The course covers basic, intermediate and advanced hair coloring, bleaching, toning, highlighting, frosting and color correction techniques. A variety of artificial nail procedures will be demonstrated. Theories to the above mentioned subjects will be discussed.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>16529</td>
<td>LEC</td>
<td>7:00 am - 8:30 am</td>
<td>MTWTh</td>
<td>Shackelford, S</td>
<td>ON LINE</td>
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<tr>
<td>AND</td>
<td>16530</td>
<td>LAB 8:40 am - 1:40 pm</td>
<td>MTWTh</td>
<td>Shackelford, S</td>
<td>ON LINE</td>
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<tr>
<td>CSMTLGY 132- Tinting II - 6 Units</td>
<td>Enrollment Requirement: Prerequisite: CSMTLGY 131</td>
<td>The course covers all aspects of hair coloring, bleaching, toning, 'special effect' highlighting, foiling, cap frosting and color correction. Additional subjects are: haircuts, thermal and wet hair styling, and the study and applications of artificial nail products. Theories related to the above mentioned subjects will be discussed.</td>
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<tr>
<td>16531</td>
<td>LEC</td>
<td>7:00 am - 8:30 am</td>
<td>MTWTh</td>
<td>Shackelford, S</td>
<td>ON LINE</td>
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<tr>
<td>AND</td>
<td>16532</td>
<td>LAB 8:40 am - 1:50 pm</td>
<td>MTWTh</td>
<td>Shackelford, S</td>
<td>ON LINE</td>
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<tr>
<td>CSMTLGY 141- Senior Salon I - 6 Units</td>
<td>Enrollment Requirement: Prerequisite: CSMTLGY 122 and CSMTLGY 132</td>
<td>The course reviews all areas of cosmetology, rules, regulations and State Board requirements for licensing. Students will perform client services, conduct consultations, record services, track client appointments and tickets. Theories that are related to all areas mentioned above will be discussed.</td>
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<tr>
<td>16536</td>
<td>LEC</td>
<td>7:00 am - 8:30 am</td>
<td>MTWTh</td>
<td>Chen, L H</td>
<td>ON LINE</td>
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<td>AND</td>
<td>16537</td>
<td>LAB 8:40 am - 1:40 pm</td>
<td>MTWTh</td>
<td>Chen, L H</td>
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<td>16534</td>
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<td>MTWThF</td>
<td>Young, C P</td>
<td>ON LINE</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)</td>
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<tr>
<td>AND</td>
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<td>LAB 5:50 pm - 9:50 pm</td>
<td>MTWThF</td>
<td>Young, C P</td>
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<td>Class No</td>
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**CSMTLGY 142- Senior Salon II - 6 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 141

The student will be introduced to clinic floor practicum and advanced client services. Mock State Board procedures for licensure will be employed. Business practices include: client services, effective communication, job search skills, networking, strategies for building a clientele, selling techniques, starting and operating a business.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**CLN ART 111- Culinary Arts Orientation I (CSU) - 4 Units**

**Enrollment Requirement:** Corequisite: CLN ART 112

With a combination of lecture and lab practice, the students are introduced to the world of commercial food production. Students are introduced to culinary theories and develop skills in knife handling, ingredient identification, small and large equipment use, weights and measures, recipe development and cooking fundamentals.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware.

**CLN ART 112- Culinary Arts Orientation II (CSU) - 4 Units**

**Enrollment Requirement:** Corequisite: CLN ART 111

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware.
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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</thead>
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<tr>
<td>11029</td>
<td>LAB</td>
<td>9:15 am - 3:45 pm</td>
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<td>Pasin, C</td>
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<tr>
<td>11046</td>
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<tr>
<td>11065</td>
<td>LAB</td>
<td>9:55 am - 2:10 pm</td>
<td>TWTh</td>
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<tr>
<td>25316</td>
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<td>25317</td>
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<tr>
<td>25314</td>
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<td>TWTh</td>
<td>Robles, L F</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware.

### CLN ART 112- Sanitation And Safety (CSU) (RPT 3) - 2 Units

This class discusses sanitation and safety as it applies to the restaurant industry; HACCP protocol, preventing
### 2020 Fall SCHEDULE

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>TWTh</td>
<td>Lachica, G V</td>
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<tr>
<td>26033</td>
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<td>TWTh</td>
<td>Lachica, G V</td>
<td>ON LINE</td>
</tr>
<tr>
<td>25342</td>
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<td>MW</td>
<td>Garnica Diaz, E</td>
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<tr>
<td>26034</td>
<td>LEC</td>
<td>2:30 pm - 4:40 pm</td>
<td>MW</td>
<td>Lachica, G V</td>
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<tr>
<td>26032</td>
<td>LEC</td>
<td>4:45 pm - 6:55 pm</td>
<td>MW</td>
<td>Feigenbaum, S B</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26035</td>
<td>LEC</td>
<td>4:45 pm - 6:55 pm</td>
<td>MW</td>
<td>Feigenbaum, S B</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

CLN ART 120- Front Of House/Dining Services - 4 Units

Front of house topics pertinent to restaurant & hospitality management, dining room management, service, staffing, use of POS system, money management, stewarding. Serve Safe Alcohol test will be administered at the conclusion of the course.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
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<td>MTWTh</td>
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<tr>
<td>11342</td>
<td>LAB</td>
<td>10:30 am - 1:50 pm</td>
<td>MTWTh</td>
<td>Lachica, G V</td>
<td>ON LINE</td>
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<tr>
<td>11352</td>
<td>LEC</td>
<td>9:15 am - 10:20 am</td>
<td>MTWTh</td>
<td>Lachica, G V</td>
<td>ON LINE</td>
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</table>

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(Starts 08/31/2020, Ends 10/25/2020)

As of Date 07/20/2020
## CLN ART 121- Garde Manger I - Baking (CSU) - 6 Units

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Introduction to Garde Manger and Baking. Introduction to basic garde manger, salads, cold sauces and salad dressings dressing, baking principles including yeast and sweet doughs, laminated doughs, mixing methods, and decorating.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>MTWTh</td>
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(Starts 10/26/2020, Ends 12/20/2020)

## CLN ART 122- Culinary Arts - Gardemanger II (CSU) - 6 Units

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Students will become proficient in the historical features of the garde manger stations including planning and preparation of cold soups, hors d’ oeuvres, appetizers, canape, mousse, timbale, cold sauces, relishes, force-meat, galantine, terrine, pate en croute components. Preparation and usages of specialty meats, sweetbreads, and sausage will be defined; gelee, aspic, chaud froid, glazing, marinating, curing will be practiced: and buffet presentation, the display of carved fruit and vegetable garnishes and centerpieces will be studied. Projects will include international cuisine, salt dough sculpting and ice carving.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<td>MTWTh</td>
<td>Pasin, C</td>
<td>ON LINE</td>
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(Starts 08/31/2020, Ends 10/25/2020)

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<th>Start/End Time</th>
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<th>Instructor</th>
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<tr>
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<td>MTWTh</td>
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(Starts 10/26/2020, Ends 12/20/2020)

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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>Pasin, C</td>
<td>ON LINE</td>
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</table>

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### 2020 Fall SCHEDULE

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<th>Start/End Time</th>
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<tr>
<td>26058</td>
<td>LAB</td>
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<td>MTWTh</td>
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**CLN ART 131- Culinary Arts - Breakfast I (CSU) - 6 Units**

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Students are introduced to a la minute breakfast cookery, hot sandwiches, culinary management and supervision. Upon completion the students will be able to identify and safely use the tools and equipment used in breakfast cookery as well as egg cookery, breakfast meats, cereals, beverages, hot sandwiches, a la minute preparation, brunch items, pancakes, and waffles. Other areas covered include portion control, inventory pars, weights and measures, labor and cost control.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>11538</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware.</td>
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**CLN ART 132- Culinary Arts - Entremetier Saucier (CSU) - 6 Units**

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Students will examine and prepare the theory and production techniques involved in the preparation of stocks, soups, sauces, starches and vegetables in a classical and contemporary cooking approach. Students will develop a practical understanding of the role and application of sauce pairing with the center of the plate, vegetables, starches and dessert items.
### 2020 Fall Schedule

**LA Trade-Technical College**

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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<td>MTWTh</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware. (Starts 08/31/2020, Ends 10/25/2020)</td>
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<th>Feigenbaum, S B</th>
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</tbody>
</table>

**CLN ART 141- Butchery/Center Of The Plate And Quantity Food Cookery (CSU) - 6 Units**

**Enrollment Requirement:** Prerequisite: CLN ART 111, CLN ART 112, CLN ART 121, CLN ART 122, CLN ART 131 and CLN ART 132

This course covers quantity and quality food production of meats, fish, and poultry. Students will practice center of the plate food preparation, meat identification and fabrication with an emphasis on portion control, sauce pairing and accompaniment compatibility. Students will discuss, compare and prepare various international foods.

<table>
<thead>
<tr>
<th>11634</th>
<th>LEC</th>
<th>7:30 am - 9:35 am</th>
<th>MTWTh</th>
<th>Robles, L F</th>
<th>ON LINE</th>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware. (Starts 08/31/2020, Ends 10/25/2020)</td>
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**AND**

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<th>11641</th>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware. (Starts 08/31/2020, Ends 10/25/2020)</td>
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</table>

**CLN ART 170- Culinary Nutrition (CSU) - 2 Units**

<table>
<thead>
<tr>
<th>11650</th>
<th>LEC</th>
<th>7:30 am - 9:35 am</th>
<th>MTWTh</th>
<th>Robles, L F</th>
<th>ON LINE</th>
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<tbody>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware. (Starts 10/26/2020, Ends 12/20/2020)</td>
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**AND**

<table>
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<th>ON LINE</th>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. Culinary Arts kitchen needs: Basic cutting board, counter space, stove and cookware. (Starts 10/26/2020, Ends 12/20/2020)</td>
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</tr>
</tbody>
</table>
This course provides a quick overview of applied culinary nutrition. Recipe and menu development including ingredient selection and cooking techniques will be discussed. Special diet (low fat, low sodium, diabetic, and caloric intake) will be discussed. Appropriate for food service professionals who would like to work as personal chefs, with sports teams, at spas and resorts, major hospital chains, entertainment or transportation industries or in health care.

25340  LEC  7:00 am - 9:05 am  F  Spence, R T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

25339  LEC  7:00 am - 8:25 am  TWTh  Spence, R T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

25338  LEC  2:30 pm - 4:35 pm  TTh  Spence, R T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

11670  LEC  7:00 pm - 8:15 pm  TWTh  Spence, R T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**CLN ART 235- Menu Planning And Purchasing (CSU) - 4 Units**

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Advanced course in menu planning and purchasing using the menu as a tool for ordering, selection and procurement of food and beverage items. Menu, labor, and facility computer generated cost analysis and percentages will be addressed.

11713  LEC  10:00 am - 11:05 am  MTWTh  Garnica Diaz, E  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**AND**

11716  LAB  6:30 am - 9:50 am  MTWTh  Garnica Diaz, E  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

11725  LEC  10:00 am - 11:05 am  MTWTh  Garnica Diaz, E  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

**AND**

11735  LAB  6:30 am - 9:50 am  MTWTh  Garnica Diaz, E  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
**CLN ART 240- Restaurant Supervision And Training (CSU) - 2 Units**

**Enrollment Requirement:** Prerequisite: CLN ART 111 and CLN ART 112

Students are introduced to human resource management and supervision techniques. Students will identify the recruiting process, communication skills, leadership styles, legal issues in the workforce, employee motivation and discipline.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>11767</td>
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<td>11775</td>
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<td>TWTh</td>
<td>Garnica Diaz, E</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

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**CLN ART 941- Cooperative Education - Culinary Arts (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

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**Diesel And Related Technology**

**DIESLTK 112A- Heavy Duty Maintenance Shop Practices (CSU) - 4 Units**

This course is designed to cover the theory and operation of diesel engine components and supporting systems, shop safety, tools, fastening devices, and use of measuring instruments.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>MTWTh</td>
<td>Rojas, C A</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/02/2020)

**AND**

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<tr>
<td>26392</td>
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<td>MTWTh</td>
<td>Rojas, C A</td>
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### 2020 Fall SCHEDULE

LA Trade-Technical College

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>26439</td>
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<td>26394</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 112B- Heavy Duty Engine Fundamentals (CSU) - 4 Units**
This course covers heavy duty engine fundamentals including engine components, assembly procedures, and major engine subsystems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>26397</td>
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<td>Rojas, C A</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 112C- Heavy Duty Electrical Systems (CSU) - 4 Units**
Heavy Duty Electrical Systems

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 122A- Heavy Duty Fuel Injection Systems (CSU) - 4 Units**
This course covers the principles of fuel injection systems. Course will cover principles of fuel processing and delivery methods, including fuel sub-systems, pumps and injectors.
DIESLTK 122B- Basic Hydraulics and Air Conditioning Systems (CSU) - 4 Units
This course will cover basic hydraulics, theory and components along with current air conditioning system operation and servicing.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/02/2020)

DIESLTK 122C- Heavy Duty Heating, Ventilation, and Air Conditioning (HVAC) (CSU) - 4 Units
This course will cover air conditioning system operation and servicing.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 11/09/2020, Ends 12/20/2020)

DIESLTK 132A- Heavy Duty Transmissions (CSU) - 4 Units
This course will cover the operating principles and repair of heavy duty clutches, transmissions, drive shafts, and differentials.
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>MTWTh</td>
<td>Semadeni, A A</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/02/2020)

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>Semadeni, A A</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/02/2020)

26444    | LEC       | 5:30 pm - 6:35 pm    | TTh    | Cavanaugh, J M | ON LINE  |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

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<th>Class No</th>
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<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>26445</td>
<td>LAB</td>
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<td>TTh</td>
<td>Cavanaugh, J M</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 132B- Air Brake Systems (CSU) - 4 Units**
This course will cover the operation and repair of air systems, foundation brakes, and anti-lock brake systems.

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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26408</td>
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<td>MTWTh</td>
<td>Semadeni, A A</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/05/2020, Ends 11/06/2020)

AND

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26409</td>
<td>LAB</td>
<td>8:40 am - 12:55 pm</td>
<td>MTWTh</td>
<td>Semadeni, A A</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/05/2020, Ends 11/06/2020)

**DIESLTK 132C- Heavy Duty Suspension and Steering Systems (CSU) - 4 Units**
This course will cover the operation and repair of truck and transit suspension and steering systems.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 11/09/2020, Ends 12/20/2020)

AND

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>LAB</td>
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<td>MTWTh</td>
<td>Semadeni, A A</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 11/09/2020, Ends 12/20/2020)

**DIESLTK 142- Heavy Duty Engine Overhaul, Electronic Engine Controls, and Emissions Systems (CSU) - 12 Units**

**Enrollment Requirement:** Prerequisite: DIESLTK 112 and DIESLTK 122
This course covers diesel engine overhaul principles including disassembly, inspection, and reassembly as part of overhauling a diesel engine. The operation of electronic engine controls will also be covered with an emphasis on using OEM diagnostic software in the troubleshooting of a diesel engine.

**DIESLTK 142A- Heavy Duty Engine Overhaul (CSU) - 4 Units**
This course covers diesel engine overhaul principles including disassembly, inspection, and reassembly as part of overhauling a diesel engine.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>MTWTh</td>
<td>Guerra, C</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/02/2020)

**AND**

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>26416</td>
<td>LAB</td>
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<td>MTWTh</td>
<td>Guerra, C</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/02/2020)

**DIESLTK 142B- Electronic Engine Controls (CSU) - 4 Units**
The operation of electronic engine controls will be covered with an emphasis on using OEM diagnostic software in the troubleshooting of a diesel engines.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>MTWTh</td>
<td>Guerra, C</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/05/2020, Ends 11/06/2020)

**AND**

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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26420</td>
<td>LAB</td>
<td>8:40 am - 12:55 pm</td>
<td>MTWTh</td>
<td>Guerra, C</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/05/2020, Ends 11/06/2020)

**DIESLTK 142C- Heavy Duty Emissions Systems (CSU) - 4 Units**
Heavy Duty Emissions Systems

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<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>26421</td>
<td>LEC</td>
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<td>MTWTh</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 11/09/2020, Ends 12/20/2020)

**AND**

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<td>26422</td>
<td>LAB</td>
<td>8:35 am - 12:40 pm</td>
<td>MTWTh</td>
<td>Guerra, C</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 11/09/2020, Ends 12/20/2020)

**DIESLTK 185- Directed Study - Diesel And Related Technology - 1 Unit**
This course allows students to pursue a directed study in Diesel and Related Technology on a contract basis under the direction of a supervising instructor.

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<th>Class No</th>
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<td>10014</td>
<td>LEC</td>
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<td>TBA</td>
<td>Guerra, J</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIESLTK 301- Introduction To Alternative Fuels & Hybrid and Electric Vehicle Technology (CSU) - 3 Units**
This course provides an introduction to various alternative fuel and powertrain technologies used in the
### Automotive Technology Courses

**DIESLTK 302 - Hybrid And Plug-In Electric Vehicle (CSU) - 6 Units**

This course covers hybrid and plug-in electric vehicle system fundamentals including vehicle safety, special tools, different hybrid system configurations, high voltage battery construction and maintenance, de-powering procedures and basic service.

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<th>Class No</th>
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<th>Start/End Time</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 401 - Rail Systems Overview, Safety, Tools, and Mechanical Principles - 10 Units**

This course provides an introduction to the rail industry and the various modes of rail vehicles and their use. Rail safety, tools and mechanical principles are also covered.

**DIESLTK 401A - RAIL SYSTEMS OVERVIEW, SAFETY AND TOOLS (CSU) - 5 Units**

RAIL SYSTEMS OVERVIEW, SAFETY AND TOOLS

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
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<td>26423</td>
<td>LEC</td>
<td>7:00 am - 8:15 am</td>
<td>MTWTh</td>
<td>Ramirez, M A</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIESLTK 401B - MECHANICAL PRINCIPLES (CSU) - 5 Units**

MECHANICAL PRINCIPLES

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<td>26425</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Ramirez, M A</td>
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<td>26432</td>
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<td>MTWTh</td>
<td>Ramirez, J R</td>
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<td>26433</td>
<td>LAB</td>
<td>8:25 am - 12:45 pm</td>
<td>MTWTh</td>
<td>Ramirez, J R</td>
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<td>26434</td>
<td>LEC</td>
<td>7:00 am - 8:15 am</td>
<td>MTWTh</td>
<td>Ramirez, J R</td>
<td>ON LINE</td>
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<tr>
<td>26435</td>
<td>LAB</td>
<td>8:25 am - 12:55 pm</td>
<td>MTWTh</td>
<td>Ramirez, J R</td>
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(Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020))

**DIESLTK 403B- RAIL VEHICLE HVAC AND CAR BODY (CSU) - 5 Units**

**RAIL VEHICLE HVAC AND CAR BODY**

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<tr>
<th>Class No</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

**DIESLTK 941- Cooperative Education - Diesel And Related Technology (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

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<th>Class No</th>
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<th>Days</th>
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<tr>
<td>10029</td>
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<td>TBA</td>
<td>Guerra, J</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Digital Media**

**DIGLMD 100- Introduction To Digital Video (UC/CSU) - 3 Units**

Students are introduced to the process and tools of non-linear video editing. Basic skills will be developed in editing techniques, media file formats, basic audio editing, compression types, industry terminology, development of basic still and motion graphics, and understanding key concepts of shooting for digital systems. Students will produce short video sequences that are appropriately compressed for delivery via web/Internet and various digital media.

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
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<td>10051</td>
<td>LEC</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
AND 10055 LAB 2:05 hrs/wk TBA Rochford, M M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 101- Fundamentals Of Digital Media (UC/CSU) - 3 Units**

Students will survey a range of digital media technologies and analyze the ever-changing adaptations of digital media. Students will also participate in the production of digital media projects that will be designed to provide an introduction to a variety of digital media environments.

18361 LEC 8:00 am - 10:05 am F Vulovich, N ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND 18362 LAB 10:15 am - 12:20 pm F Vulovich, N ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIGLMD 103- Fundamental Of Digital Audio (UC/CSU) - 3 Units**

Students are introduced to the principles and process of digital audio recording and reproduction. Topics include such aspects as sound design, acoustics, Dolby surround sound, microphones, mixers, outboard gear, signal flow, and recording and editing audio. Further exploration will involve analog over digital formats and destructive over non-destructive editing.

10222 LEC 2:05 hrs/wk TBA Reed, P W ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

AND 10233 LAB 2:05 hrs/wk TBA Reed, P W ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 104- Digital Media Entrepreneurship (CSU) - 3 Units**

Students will develop an understanding of digital media entrepreneurship and how emerging technologies are changing the economics of the new media landscape. Students will pitch start-up projects and develop unique digital media business proposals to demonstrate their understanding of digital media entrepreneurship principles.

26651 LEC 2:05 hrs/wk TBA STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

AND 26652 LAB 2:05 hrs/wk TBA STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 105- Visual Design For Digital Media (UC/CSU) - 3 Units**

Students will analyze the core principles of visual design, particularly as they relate to narrative and interactive digital media. Students will then apply those principles to the production of digital media projects.
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<tr>
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<td>17457</td>
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<td>DIGLMD 106- Essentials For Live Audio (CSU) - 3 Units</td>
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<td>Enrollment Requirement:</td>
<td>Advisory: DIGLMD 103</td>
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<tr>
<td>Students will learn about the equipment involved in live events, concepts of sound waves and acoustics, how to setup for various event sizes and configurations, and best practices in mixing for live audio.</td>
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<td>26653</td>
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<tr>
<td>DIGLMD 107- Digital Audio: Recording and Mixing (CSU) - 3 Units</td>
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<td>Enrollment Requirement:</td>
<td>Prerequisite: DIGLMD 103</td>
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<td>Students will learn recording techniques of a modern studio and understand the role of the engineer using Pro Tools. The course covers modern digital audio workstations using a mixer board to record multiple audio tracks simultaneously, as well as mixing recorded audio for audio balancing.</td>
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<td>DIGLMD 110- Visual Effects And Motion Graphics (UC/CSU) - 3 Units</td>
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<td>Students will learn to use advanced components of Adobe After Effects to create motion graphics with text and animation. Tools such as keyframes, motion paths and masks will be used to create complex visual effects and motion graphics projects.</td>
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<td>17458</td>
<td>LEC</td>
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<tr>
<td>DIGLMD 115- Video Editing (UC/CSU) - 3 Units</td>
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Students will engage in film and video editing techniques on a non-linear editing platform. A series of video editing projects will explore technical non-linear editing system skills and editing tools in the service of storytelling craft. Topics covered include theme, structure, continuity, rhythm, flow, suspense, and dramatic irony.

26655  LEC  2:05 hrs/wk  TBA  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**AND**

26656  LAB  2:05 hrs/wk  TBA  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 116- Introduction To Web Page Design (UC/CSU) - 3 Units**

Students will learn the fundamental elements of websites, theories of web design, and how to develop a basic website.

18900  LEC  6:00 pm - 8:05 pm  M  Guebely, G  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

18901  LAB  6:00 pm - 8:05 pm  W  Guebely, G  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIGLMD 117- Intermediate Web Page Design (UC/CSU) - 3 Units**

Students will learn the advanced elements of developing an interactive website, dynamic concepts of web design, how to create an image gallery, and implementing a different style sheet for different devices and outputs in a flexible layout.

20767  LEC  6:00 pm - 8:05 pm  M  Guebely, G  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

20768  LAB  6:00 pm - 8:05 pm  W  Guebely, G  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIGLMD 118- Image Manipulation For Multimedia (UC/CSU) - 3 Units**

Students will explore concepts and processes to enhance and alter images to develop more compelling compositions for multiple modalities in various formats. Course covers advanced Adobe Photoshop techniques that include the use of alpha channels, layers effects, and animation, as well as format changes for the various media types and aspect ratios.

26657  LEC  2:05 hrs/wk  TBA  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**AND**

26658  LAB  2:05 hrs/wk  TBA  STAFF, L  ON LINE

As of Date 07/20/2020
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 150- Introduction To Mobile Applications (UC/CSU) - 3 Units**
Students will develop an understanding of the core principles necessary to design and create mobile applications. Course covers pre-production, interface design, asset behavior and user experience.

- **18904** LEC 3:30 pm - 5:35 pm M Guebely, G ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**
- **18905** LAB 3:30 pm - 5:35 pm W Guebely, G ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**DIGLMD 152- Digital Art (UC/CSU) - 3 Units**
Students will develop an understanding of the core principles of digital art and design. Course covers the essentials of digital visual design using Photoshop and Illustrator: color theory, composition, software tools, photo manipulation and image creation.

- **10250** LEC 2:05 hrs/wk TBA STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**AND**
- **10254** LAB 2:05 hrs/wk TBA STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**DIGLMD 155- Mobile Application Production (UC/CSU) - 3 Units**
Students will develop and build a completed mobile application. Course covers pre-production, interface design, asset behavior, user experience, and publication of a finished mobile application.

- **20770** LEC 3:30 pm - 5:35 pm M Guebely, G ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**
- **20771** LAB 3:30 pm - 5:35 pm W Guebely, G ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Drafting**

**DRAFT 062- CAD For Architects (CSU) - 3 Units**
This course will focus on the process of generating and managing building data during the life cycle of a building from 'cradle to cradle'. CADD (Computer Aided Drafting and Design) and BIM (Building Information Modeling) drawings can create automatically consistent and dynamic views of the building, detail design and increase the productivity, transparency and accountability.
DRAFT 063- Cadd For Building (CSU) - 3 Units
This course covers CAD (Computer Aided Drafting) and BIM (Building Information Model) for Mechanical, Electrical and Plumbing fundamentals, as it applies to the Architecture Field.

Economics
ECON 001- Principles Of Economics I (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 4B CSU D2
Enrollment Requirement: Prerequisite: MATH 115
Introductory course in the principles of microeconomic theory, including economic analysis of the firm and resource allocation; analysis of the laws of supply and demand; market structures of the American economy; price theory; current domestic economic problems.

ECON 002- Principles of Economics II (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 4B CSU D2
Enrollment Requirement: Advisory: MATH 125
A course in macroeconomics emphasizing aggregative economic analysis, including money and banking, national income determination, business fluctuations, and other topics relevant to macroeconomic analysis.
2020 Fall SCHEDULE

LA Trade-Technical College

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tbody>
<tr>
<td>13783</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Ahmad, J</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13778</td>
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<td>11:45 am - 1:10 pm</td>
<td>TTh</td>
<td>Ahmad, J</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Education

EDUC 001- Introduction To Teaching (CSU) - 3 Units
Introduction To Teaching

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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<tbody>
<tr>
<td>26510</td>
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<td>F</td>
<td>Randall, A K</td>
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</tr>
<tr>
<td>26509</td>
<td>LEC 10:10 am - 11:35 am</td>
<td>MW</td>
<td>Randall, A K</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Elect Construction Maintenance

ECONMT 006- Security And Fire Alarm Technician Certification (CSU) - 3 Units
This course offers instruction in the installation of Fire and Security alarms. Upon successful completion of the course the student will be eligible to request and test for an installer certification by the National Alarm Association of America.

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
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<td>MW</td>
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<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ECONMT 007- Home Theater & Commercial Audio, Video Installation Theory - 3 Units
This course offers instruction in the installation of Home Theater Video and Audio systems as well as commercial and industrial applications for audio and video technology. Upon successful completion of the course the student will have the skills to enter this area of the electrical trade.

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>13906</td>
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<td>TTh</td>
<td>Ramirez, R</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ECONMT 100- (O.S.H.A.) Safety Standards: Construction & Industry - 2 Units
This course provides instruction on industry safety and health rules as it applies to workers and employers within the construction industry. Topics such as fall protection, lock out tag out procedures, PPE, excavations, etc. are covered. Participants that meet the required hourly attendance and successfully pass the final exam will be eligible to receive their OSHA (30 hr) safety-training certificate.

As of Date 07/20/2020
22591  LEC  6:00 pm - 8:05 pm  Th  Elarton-Selig, W D  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

27113  LEC  6:00 pm - 8:05 pm  T  Castillo, M  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 101- Electrical Craft Helper (CSU) - 4 Units**
This course is designed as entry level preparation for a student interested in careers in the electrical power industry. This introductory course covers the basic fundamentals of planning, installation and maintenance of high and low voltage electrical systems. Basic functions of generation, both hydro and steam are covered. The transmission and distribution of electrical power will be reviewed. Fundamentals of electricity, identification, function, and operation of components will be surveyed. Ohms law, safety, ropes, knots, rigging, and tools required in the trade will be reviewed. Civil service exam assistance will also be covered.

13913  LEC  5:00 pm - 9:15 pm  T  Helfrich, W R  EDM TRAN
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13920  LEC  5:00 pm - 9:15 pm  W  Helfrich, W R  EDM TRAN
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13926  LEC  5:30 pm - 9:45 pm  W  Thompson, D A  CETR DIST
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13932  LEC  5:30 pm - 9:45 pm  Th  Thompson, D A  CETR DIST
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 105- Fundamentals Of Solar Electricity (CSU) - 3 Units**
Fundamentals of electric power produced by the sun. Subjects covered include generation, transmission, conversion, distribution, safety, system components, necessary tools.

13939  LEC  6:00 pm - 9:10 pm  M  Colson, A T  ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 110- Renewable Energy Systems (CSU) - 3 Units**
This course will cover energy basics, solar basics, both active and passive, solar-thermal and solar-electric, wind, hydro-power, wave and tidal power, bio-fuel and biomass resources, geothermal power, energy storage and hydrogen fuel cells. Both large and small scale, grid interactive and stand alone systems will be discussed. Energy collection, site evaluation, design analysis of various systems, material use, and methods of construction will also be covered, along with overviews of California and US energy policy and global energy use.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 115- Fundamentals Of D.C. Electricity (CSU) - 3 Units**
This course offers study in the Fundamentals of D.C. Electricity. Subjects include: Electrical safety, the basic principles of atomic structure, electrical quantities, static electricity, magnetism, induction, resistors, series circuits, parallel circuits, and combination circuits. The proceeding resistive circuits will be analyzed using Ohm's Law, The Power Equation and Kirchoff's Voltage and Current Laws.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>13992</td>
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<tr>
<td>14004</td>
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<tr>
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<tr>
<td>13953</td>
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<tr>
<td></td>
<td>LEC</td>
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<td>M</td>
<td>STAFF, L</td>
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<tr>
<td>13969</td>
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<tr>
<td>13977</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 116- Handtools And Wiring Practices (CSU) - 2 Units**
This course covers the proper use of Hand Tools, Wiring Methods, Conductor Identification, Selection, Splicing and Termination. Trade Practices and an Introduction to the National Electrical Code.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<td>14031</td>
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# 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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<tr>
<td>14020</td>
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<td>8:00 am - 2:30 pm</td>
<td>Sa</td>
<td>Lester, J B</td>
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</tr>
<tr>
<td>14008</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Rand, P</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14015</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>Rand, P</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14045</td>
<td>LAB</td>
<td>8:35 am - 11:45 am</td>
<td>MTWTh</td>
<td>Kallo, J S</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14047</td>
<td>LAB</td>
<td>8:35 am - 11:45 am</td>
<td>MTWTh</td>
<td>Robinson, D S</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 117- Elementary Circuit Practices (CSU) - 4 Units**

This course offers instruction in the drawing and analysis of wiring plans, wiring diagrams, and ladder diagrams. Including the wiring of both low and high voltage circuits utilizing: push button, single pole, standard three way, coast three way, standard four way, coast four way, and master switching systems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
<td>18898</td>
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<td>Iadevaia, R E</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 119- Applied Calculations and Measurements (CSU) - 3 Units**

This is an entry level course in electrical calculations and measurements with special emphasis on the application problems encountered in the electrical construction industry.

<table>
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</thead>
</table>

As of Date 07/20/2020
ECONMT 120- Industrial Control Systems (CSU) - 3 Units
This course is a study of motors, circuits and devices used for controlling electric motors and the National Electrical Code covering motor installation.
14083 LEC 7:00 am - 8:25 am MW Lester, J B ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ECONMT 128- Industrial Control Systems Practices (CSU) - 3 Units
Enrollment Requirement: Prerequisite: ECONMT 115
This course fosters the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course covers the manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.
14092 LAB 8:35 am - 10:50 am MTWTh Lester, J B ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ECONMT 128A- Industrial Control Systems Practices A (CSU) - 1 Unit
This course fosters the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course covers the manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.
10062 LAB 7:00 am - 10:10 am Sa Maroufkhani, F F ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
## ECONMT 128B- Industrial Control Systems Practices B (CSU) - 1 Unit
This course is the second module of the 128 A,B,C series and continues to foster the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course includes manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

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<tr>
<th>Class No</th>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## ECONMT 128C- Industrial Control Systems Practices C (CSU) - 1 Unit
This course is the final module of the 128 A,B,C series and finalizes the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course includes manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<td>10104</td>
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<td>Sa</td>
<td>Maroufkhani, F F</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## ECONMT 129- Fundamentals Of Alternating Current - 3 Units
This course offers a study in operating principles of electrical power systems, the theory of A.C. generators

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>Lester, J B</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<td>Maroufkhani, F F</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
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<th>Class No</th>
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<tr>
<td>10088</td>
<td>LAB</td>
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<td>M</td>
<td>Lester, J B</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>10096</td>
<td>LAB</td>
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<td>Maroufkhani, F F</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
and motors, load calculations, efficiencies, power factor correction, and calculations related to these theories.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>Lester, J B</td>
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<tr>
<td>14107</td>
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<td>22584</td>
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<td>Aguilar, A</td>
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</tr>
<tr>
<td>22588</td>
<td>LEC</td>
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<td>F</td>
<td>Corech, H H</td>
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<tr>
<td>26711</td>
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<td>T</td>
<td>Krongold, R A</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 130- Principles Of Industrial Electric Power - 3 Units**
This course offers a study in operating principles and maintenance procedures and code requirements for electrical power systems. Theory of D.C. and A.C. generators and motors, load calculations, efficiency and power factor correction are also covered.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>ON LINE</td>
</tr>
<tr>
<td>14111</td>
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<td>10:10 am - 11:35 am</td>
<td>MW</td>
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<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 136- Industrial Power Applications - 3 Units**
This course offers a practical study on shop experience in testing, servicing and repairing industrial plant electrical equipment, connection and operation of generators, as well as motors and their control systems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<tr>
<td>14125</td>
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<td>MWF</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
# 2020 Fall SCHEDULE

<table>
<thead>
<tr>
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<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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## ECONMT 137- Industrial Electronic Control Systems - 3 Units

In this course fundamental electronic and semiconductor theory as well as applications of electronic devices to industrial control systems are studied. Boolean algebra, logic circuits and numbering systems as they used in industrial controls are examined. Transducers, photoelectric limit switches and other industrial devices are studied.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14129</td>
<td>LEC</td>
<td>8:45 am - 10:10 am</td>
<td>TTh</td>
<td>Iadevaia, R E</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14127</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>TTh</td>
<td>Pelayo, H</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## ECONMT 138- Applications Of Electrical And Electronics Devices (CSU) - 2 Units

Identification and operational tests on various types of electrical and electronic equipment, including transformers, electronic motor speed control systems and other industrial control devices.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14131</td>
<td>LAB</td>
<td>7:00 am - 10:10 am</td>
<td>TTh</td>
<td>Pelayo, H</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14134</td>
<td>LAB</td>
<td>10:20 am - 1:30 pm</td>
<td>TTh</td>
<td>Iadevaia, R E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## ECONMT 140- Construction Wiring Principles And Practices - 3 Units

**Enrollment Requirement:** Prerequisite: ECONMT 130 and ECONMT 136

Corequisite: ECONMT 167

This class teaches the wiring of electrical systems, including: layout, construction methods, code requirements, installation standards, and best practices.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14139</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>MW</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
</tr>
<tr>
<td>14145</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>MW</td>
<td>Goluza, B</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## ECONMT 142- Basic Programmable Logic Controls (Plc) - 1 Unit

Introduction to Basic Programmable Logic Controllers, Programming Devices, Ladder Diagrams and Designing PLC Programs for Industrial Processes.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Day</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14158</td>
<td>LAB</td>
<td>7:00 am - 10:10 am</td>
<td>F</td>
<td>Iadevaia, R E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14151</td>
<td>LAB</td>
<td>11:40 am - 1:05 pm</td>
<td>TTh</td>
<td>Pelayo, H</td>
<td>ON LINE</td>
</tr>
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<td></td>
</tr>
<tr>
<td>27119</td>
<td>LAB</td>
<td>1:00 pm - 4:10 pm</td>
<td>F</td>
<td>Ramirez, R</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
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<td></td>
</tr>
<tr>
<td>ECONMT 150- Introduction To The Electrical Codes - 3 Units</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enrollment Requirement:</td>
<td>Prerequisite: ECONMT 130 and ECONMT 136</td>
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</tr>
<tr>
<td></td>
<td>Corequisite: ECONMT 140</td>
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</tr>
<tr>
<td>This is a study and interpretation of the National Electrical Code, local ordinances, and regulations covering wiring installations and principal circuit requirements.</td>
<td></td>
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</tr>
<tr>
<td>14160</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>TF</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
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</tr>
<tr>
<td>14163</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
<td>TF</td>
<td>Goluza, B</td>
<td>ON LINE</td>
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</tr>
<tr>
<td>ECONMT 159- Programmable Logic Controls (Plc) (CSU) - 4 Units</td>
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</tr>
<tr>
<td>Programmable Logic Controller wiring, programming, and troubleshooting techniques are learned and practiced in a hands-on laboratory environment.</td>
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</tr>
<tr>
<td>14166</td>
<td>LEC</td>
<td>6:00 pm - 7:25 pm</td>
<td>TTh</td>
<td>Hogue, D</td>
<td>ON LINE</td>
</tr>
<tr>
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<tr>
<td>AND</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>19823</td>
<td>LAB</td>
<td>7:35 pm - 9:40 pm</td>
<td>TTh</td>
<td></td>
<td>ON LINE</td>
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</tr>
<tr>
<td>ECONMT 167- Electrical Construction Wiring Techniques - 3 Units</td>
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</tr>
<tr>
<td>Students are taught and practice electrical rough-in methods, while emphasizing safe working methods and compliance with Electrical Codes and trade standards.</td>
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</tr>
<tr>
<td>14170</td>
<td>LAB</td>
<td>8:25 am - 11:35 am</td>
<td>MWF</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>14175</td>
<td>LAB</td>
<td>8:25 am - 11:35 am</td>
<td>MWF</td>
<td>Goluza, B</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>ECONMT 168- Installation Of Electrical Wiring - 2 Units</td>
<td></td>
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</tbody>
</table>
| Students learn to, and practice, calculating and laying out interior electrical conduit and cable wiring systems,
followed by practical installations, including rough-in and finishing techniques.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14179</td>
<td>LAB</td>
<td>7:00 am - 10:10 am</td>
<td>Th</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>8:25 am - 11:35 am</td>
<td>T</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14184</td>
<td>LAB</td>
<td>8:25 am - 11:35 am</td>
<td>T</td>
<td>Goluza, B</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>8:35 am - 11:45 am</td>
<td>T</td>
<td>Goluza, B</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 169- Alternating Current Practices - 2 Units**
This course offers a study in the principles of Alternating Current, installation of components in AC circuits, and the response of circuits to AC excitation.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14188</td>
<td>LAB</td>
<td>7:00 am - 1:30 pm</td>
<td>F</td>
<td>Lester, J B</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14195</td>
<td>LAB</td>
<td>1:25 pm - 2:50 pm</td>
<td>MTWTh</td>
<td>Maroufkhani, F F</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 171- Electrical Codes And Ordinances I - 3 Units**
Basic electrical codes and ordinances are the focus of this course. General codes, wiring methods and fittings, and circuit requirements specified in the various ordinances are reviewed.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14199</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>M</td>
<td>Dominguez, J M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14203</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Maalouf, E N</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 172- Electrical Codes And Ordinances II (RPT 3) - 3 Units**
Advanced electrical codes and ordinances are the focus of this course. General codes, wiring methods and fittings, and circuit requirements specified in the various ordinances are reviewed.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14208</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>M</td>
<td>Duncan, A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 173- Electrical Mathematics I - 3 Units**
This is an entry level course in electrical calculations and measurements with special emphasis on the application problems encountered in the electrical construction industry.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ECONMT 174- Electrical Mathematics II - 3 Units
Topics covered in this course are problems relating to A.C. power applications, use of the scientific calculator, percentage ratio and proportions, wire sizing, voltage drops, energy and efficiency calculations, trigonometric functions, phasor diagrams, A.C. single and poly-phase circuits, transformers, star and delta connections and mathematics for logic controls.

ECONMT 177- Electric Motor Control I - 3 Units
This course studies basic motor control fundamentals including the basic functions of control. Magnetic principles of D.C. and A.C. motors, types of motors, motor selection fundamentals are reviewed. Topics covered also include definitions for controller components and symbols, familiarization with N.E.M.A. standards and review of one-line, wiring and schematic diagrams.

ECONMT 178- Electric Motor Control II - 3 Units
This course focuses on a brief review of material covered in Electric Motor Control I and the selection and application of D.C. and A.C. controllers with emphasis on the A.C. devices. Study areas include manual, magnetic, across-the- line starters, as well as most forms of reduced voltage starters including the auto transformer, primary resistor, star-delta, part-winding and wound rotor type reduced voltage starters.
Synchronous, multi-speed starters and the many methods of decelerating and braking and static components are discussed.

14252 LEC 6:00 pm - 9:10 pm T Winston, R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 181- Basic Wiring Practices - 3 Units**

This course contains the study of basic electrical diagrams; such as, wiring plans, wiring diagrams, and ladder diagrams. Topics of discussion include: Architectural symbols and drawings, reading and interpreting plans and specifications, as well as the drawing of basic circuits.

14257 LEC 6:00 pm - 9:10 pm T Ramirez, Robert ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

14261 LEC 6:00 pm - 9:10 pm M Ramirez, Ricardo ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 182- Basic Diagram And Circuit Practices - 1 Unit**

This course provides practical shop practice in the wiring of signal, communication and control circuits. Connection of device mechanisms such as, lights, buzzers and relays are specifically reviewed.

14273 LAB 6:00 pm - 9:10 pm Th Ramirez, Robert ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

14279 LAB 6:00 pm - 9:10 pm W Ramirez, Ricardo ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 183- Residential Electric Wiring - 3 Units**

This course covers the design and layout of residential electrical wiring in accordance with the National Electrical Code and recognized best trade practices.

18377 LEC 6:00 pm - 9:10 pm F Nasrallah, G B ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

20862 LEC 6:00 pm - 9:10 pm W Nasrallah, G B ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 184- Motor Control Principles And Practices - 3 Units**

This course will examine the testing, adjusting, servicing and connecting motors, generators and associated controllers. Reduced voltage starters and other motor starting techniques will be studied.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14291</td>
<td>LAB</td>
<td>7:00 am - 1:30 pm</td>
<td>Sa</td>
<td>Pelayo, H</td>
<td>ON LINE</td>
</tr>
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<tr>
<td>23872</td>
<td>LAB</td>
<td>6:00 pm - 9:30 pm</td>
<td>MW</td>
<td>Nieves, P H</td>
<td>ON LINE</td>
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</tr>
<tr>
<td>10020</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>Goluza, B</td>
<td>ON LINE</td>
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</tr>
<tr>
<td>18142</td>
<td>LAB</td>
<td>7:00 am - 1:30 pm</td>
<td>Sa</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
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</tr>
<tr>
<td>27121</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</tbody>
</table>

**ECONMT 186- Industrial Electrical Principles And Practices - 3 Units**

This course content includes the use of measuring instruments, connecting and testing transformer banks and connecting and testing industrial electronic control devices. This course discusses single phase and three phase transformers.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>10109</td>
<td>LAB</td>
<td>10:10 am - 1:20 pm</td>
<td>Th</td>
<td>Jackson, R E</td>
<td>ON LINE</td>
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<td></td>
</tr>
<tr>
<td>10119</td>
<td>LAB</td>
<td>10:10 am - 1:20 pm</td>
<td>Th</td>
<td>Goluza, B</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

**ECONMT 199- Journeyman Electrican Exam Preparation - 3 Units**

This course will prepare the student for the State of California Electricians’ Certification Examination. The distance education version of the class uses the Internet, World Wide Web and personal e-mail.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>10041</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>Th</td>
<td>Kallo, J S</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Robinson, D S</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 205- Solar Energy Installation & Maintenance Principles And Practices - 2 Units**

This course is designed for individuals who have the basic electrical and mechanical skills of an energy technician or electrician and are looking to expand into the renewable energy field. This is a hands on class to develop the fundamental principles and practices for installation and maintenance of solar, wind, and similar renewable energy systems. This course covers basic planning, installation, and maintenance of the necessary components for various renewable energy systems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>20863</td>
<td>LAB</td>
<td>8:00 am - 2:30 pm</td>
<td>Sa</td>
<td>Colson, A T</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ECONMT 941- Cooperative Education -Electrical Construction & Maintenance (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>17452</td>
<td>LEC</td>
<td>4:25 hrs/wk</td>
<td>TBA</td>
<td>Blumenfeld, S</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Electronics**

**ELECTRN 002- Introduction To Electronics (CSU) - 3 Units**

Introduction To Electronics

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>20547</td>
<td>LEC</td>
<td>7:00 am - 10:10 am</td>
<td>Th</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>10996</td>
<td>LEC</td>
<td>12:35 pm - 3:45 pm</td>
<td>W</td>
<td>Botterud, S J</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>11012</td>
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<td>M</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

* 1 of 40 Apprenticeship Program

**Electronics Technology**
ETNTLGY 150- Soldering Surface Mount Technology - 3 Units
This course provides an introduction of through hole soldering technology as well as principles of surface mount rework, show the range of specific equipment used in that process and provide a framework for learning about various rework methods. Recommended procedures for removal and replacement of surface mount chip components are also covered.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>12377</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ETNTLGY 151- Dc Theory And Circuit Fundamentals - 3 Units
Instruction is given in basic electrical concepts, electron theory, Ohm's Law, Kirchoffs Laws, series circuits, parallel circuits, combination circuits, principles of magnetism; and the care, use, and construction of basic meters for voltage, current, and resistance measurements. Problems illustrating accuracy necessary in measurements are given.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ETNTLGY 152- Dc Theory And Circuit Fundamentals Lab (CSU) - 2 Units
Instruction is given in constructing basic electrical circuits. Series, parallel and series/parallel circuits are constructed and troubleshooting techniques to understand the concept of troubleshooting techniques. Problems illustrating accuracy necessary in measurements are given.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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<tr>
<td></td>
<td>LAB</td>
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<td>Th</td>
<td>Zhang, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ETNTLGY 153- Applied Dc Calculations - 1 Unit
This course offers a review on basic arithmetic including addition, subtraction, multiplication, division, fractions, decimals, square roots, signed numbers, powers of ten, an introduction to algebra, and problems solving Ohm's Law and power calculations. Instruction is also provided in algebra, calculators, logarithms, graphs, phasers, and basic trigonometry as used in electronics.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ETNTLGY 157- Semiconductors Devices And Applications (CSU) - 3 Units
This course imparts knowledge of semiconductors, electron devices including diodes, transistors, and their application in electronic circuits such as Amplifiers, Switches, Power Supplies, Oscillators, and Integrated Circuits.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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**ETNTLGY 158- Semiconductors Devices And Electronics Laboratory (CSU) - 3 Units**

This is a semiconductor devices laboratory course. It includes lab exercises using semiconductors devices including diodes, transistors, and their application in electronic circuits such as Amplifiers, Switches, Power Supplies, Oscillators, and Integrated Circuits.

**ETNTLGY 159- Digital Circuits And Applications (CSU) - 3 Units**

This is an introductory course in digital electronics and applications. The course covers the number systems, including the decimal, binary, octal, and hexadecimal number systems. The topics covered include the characteristics of TTL and CMOS logic families, combinational logic circuits, minimizing logic circuits, minimizing logic circuits using Boolean Operations and Karnaugh maps, encoders and decoders, sequential logic devices such as flip-flops, counters, shift registers, and memory devices.

**ETNTLGY 160- Digital Circuits And Applications Lab (CSU) - 2 Units**

This course is designed to provide students with the fundamentals of digital circuits and their applications. Lab activities include the characteristics of TTL and CMOS logic families, combinational logic, minimizing logic circuits using Boolean operations and Karnaugh maps, encoders and decoders, sequential logic devices such as flip-flops, counters, shift registers, and memory devices.

**ETNTLGY 254- Computer Applications For Electronics Technology - 3 Units**

This course introduces students to computer hardware, software related technology and their uses impact on society and education; hands-on experience with applications of software, such as Excel, Word, Power Point with an emphasis on electronics applications software such as Electronic Work Bench and VISIO.

**ETNTLGY 941- Cooperative Education - Electronics Technology (CSU) (RPT 3) - 4 Units**
Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

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**Engineer-Operation/Maintenance**

**OPMAINT 228- Steam Plant Operation I - 6 Units**
Related engineering information concerning high pressure steam plants in office buildings and industrial establishments are studied in this course. Emphasis is given to steam power plant, use of steam tables, types of boilers, construction of boilers, boiler accessories, settings for combustion equipment and heating surfaces; operation of steam boilers and the combustion of fuels.

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**OPMAINT 229- Steam Plant Operation II - 6 Units**
Instruction is given in steam engines, valve operating mechanisms and governors, and operating characteristics of steam engines. Course covers steam turbines, pumps, and auxiliary power plant equipment, steam plant efficiencies, boiler water treatment, troubleshooting, and power transmission. Completion of this second course prepares trainee to take Los Angeles City examination for steam engineer's license.

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**Engineering Graphics & Design**

**EGD TEK 101- Engineering Graphics (UC/CSU) - 3 Units**
This introductory course covers the fundamentals of traditional drafting, descriptive geometry, orthographic projection, graphical communication of technical engineering information and Computer-Aided Drafting (CAD). Topics include freehand drawing, lettering, and theory of orthographic and multi-view projections as well as Coordinate dimensioning and geometric dimensioning and tolerancing (GD&T). An introduction to 2-D CAD software package is presented and instruction includes fundamental tools to be able to create and edit basic drawings by learning and understanding the User Interface of the software. Essential skills developed include creating templates, title blocks, layers, drawing basic geometric objects, using parametric tools, and dimensioning.

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AND

**EGD TEK 101- Engineering Graphics (UC/CSU) - 3 Units**

19203 LAB 6:15 pm - 8:20 pm  Th  Hernandez, E  ON LINE
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
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<td>10:15 am - 12:20 pm</td>
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<td>ON LINE</td>
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<tr>
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<td>6:15 pm - 8:20 pm</td>
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<tr>
<td>26618</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26619</td>
<td>LAB</td>
<td>6:00 pm - 8:05 pm</td>
<td>Th</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

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### Engineering, General

#### ENG GEN 101- Introduction To Science, Engineering And Technology (UC/CSU) - 2 Units

This course explores the branches of engineering and engineering technologies, the functions of an engineer and a technologist, and the industries in which they work. Explains the educational pathways and effective strategies for students to reach their full academic and career potentials, by thorough understanding of academia and academic success strategies. Presents an introduction to the methods and tools of engineering problem solving and design including the interface with society, professional and engineering ethics, and lifelong learning. Develops communication skills pertinent to the engineering and engineering technologies professions, through hands-on project(s) and teamwork in diverse environments.

**Enrollment Requirement:** Prerequisite: MATH 265

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>10377</td>
<td>LEC</td>
<td>5:00 pm - 7:05 pm</td>
<td>M</td>
<td>Navarro, A</td>
<td>ON LINE</td>
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<tr>
<td>10387</td>
<td>LAB</td>
<td>5:00 pm - 8:10 pm</td>
<td>W</td>
<td>Navarro, A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ENG GEN 131- Statics (UC/CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: MATH 265 and PHYSICS 101

This is a first course in engineering mechanics. Students will learn about two and three dimensional analysis of force systems on particles and rigid bodies in equilibrium. Topics also include static analysis of trusses and beams, and determination of center of gravity, centroids, friction, and moments of inertia of area and mass.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>11672</td>
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<td>MW</td>
<td>Navarro, A</td>
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</tr>
</tbody>
</table>

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**ENG GEN 241- Strength Of Materials (UC/CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: ENG GEN 131

Plane stress-strain, axial, torsional, bending and shear stresses are studied, including combined loads, Mohr's Circle, principal stresses and strains, and pressure vessels. Generalized Hooke's Law, material properties, allowable stresses, factor of safety, statically indeterminate members, shear and moment diagrams; moment-area, and slope by double integration, singularity functions, superposition, moment-area, and Castigliano methods are also studied. Topics include thermal expansion, indeterminate forms and column buckling.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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</table>

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**English**

**ENGLISH 072- English Bridge (NDA) - 1 Unit**

This intensive, one-unit course prepares the student to succeed in English 28 or 101 by offering an intensive review of grammar, paragraph and essay structure, and rhetorical strategies.

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>27000</td>
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<td>11:00 am - 1:10 pm</td>
<td>Th</td>
<td>Moreno, L M</td>
<td>ON LINE</td>
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</tbody>
</table>

Need additional help with reading and or writing? Register for Prof. Moreno's lab! Students registered for her class are encouraged to register, but the section is open to all.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
2020 Fall SCHEDULE
LA Trade-Technical College

<table>
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26997</td>
<td>LAB</td>
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<td>MW</td>
<td>Mancia, R A</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td></td>
<td>Need additional help with reading and or writing? Register for Prof. Mancia's lab! Students registered for his class are encouraged to register, but the section is open to all. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
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<td>LAB</td>
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<td>TTh</td>
<td>Cruz, C A</td>
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<td>Need additional help with reading and or writing? Register for Prof. Cruz' lab! Students registered for her class are encouraged to register, but the section is open to all. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td>MW</td>
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<td>Need additional help with reading and or writing? Register for Prof. Sowter's lab! Students registered for her class are encouraged to register, but the section is open to all. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td>Viliesid, C N</td>
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<td>Need additional help with reading and or writing? Register for Prof. Viliesid's lab! Students registered for her class are encouraged to register, but the section is open to all. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td>LAB</td>
<td>7:30 pm - 8:35 pm</td>
<td>MW</td>
<td>Sowter, S V</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Need additional help with reading and or writing? Register for Prof. Sowter's lab! Students registered for her class are encouraged to register, but the section is open to all. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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</tbody>
</table>

ENGLISH 072A- English Bridge (NDA) - 0.5 Unit

English 72 is a complement to English 101. Students receive additional support to improve their analytical and composition skills necessary to meet English 101 standards. Emphasis is on the completion of written assignments and essays, library and research papers assigned in the concurrent English 101 course. Assistance is provided on pre-writing, drafting, and revising strategies, grammar and mechanics, critical thinking, and understanding reading-to-write strategies.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>26999</td>
<td>LAB</td>
<td>2:10 pm - 3:15 pm</td>
<td>M</td>
<td>Moreno, L M</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Need additional help with reading and or writing? Register for Prof. Moreno's lab! Students enrolled in Prof. Moreno's lecture classes are encouraged to register, but this class is open to all students. Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td>Class No</td>
<td>Component</td>
<td>Start/End Time</td>
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<td>Instructor</td>
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<tr>
<td>10888</td>
<td>LEC</td>
<td>8:00 am - 10:05 am</td>
<td>M</td>
<td>Cruz, C A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>8:00 am - 10:05 am</td>
<td>W</td>
<td>Cruz, C A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>19704</td>
<td>LAB</td>
<td>8:00 am - 10:05 am</td>
<td>T</td>
<td>Mancia, R A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LEC</td>
<td>8:00 am - 10:05 am</td>
<td>W</td>
<td>Stevens, A A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>11002</td>
<td>LEC</td>
<td>8:00 am - 10:05 am</td>
<td>T</td>
<td>Mancia, R A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>8:00 am - 10:05 am</td>
<td>W</td>
<td>Mancia, R A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>23157</td>
<td>LEC</td>
<td>8:00 am - 10:05 am</td>
<td>T</td>
<td>Stevens, A A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>8:00 am - 10:05 am</td>
<td>T</td>
<td>Viliesid, C N</td>
<td>ON LINE</td>
</tr>
<tr>
<td>11034</td>
<td>LEC</td>
<td>11:00 am - 1:05 pm</td>
<td>T</td>
<td>Dolan, T M</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>LAB</td>
<td>11:00 am - 1:05 pm</td>
<td>T</td>
<td>Viliesid, C N</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

ENGLISH 100- Accelerated Prep: College Writing (NDA) - 3 Units

This class prepares students for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. Students plan, draft, revise, and edit compositions based on college-level readings that cover topics that challenge students’ thinking and provide an intellectual background for the assignments. This course prepares students for English 101.

ENGLISH 101- College Reading And Composition I (UC/CSU) - 3 Units
### Requirement Designation: Meets IGETC-1A CSU-A2

This is a college-level freshman composition course, which focuses on expository writing and argumentation and requires the writing of a minimum of 6000 words in essays and a research paper. Students study a variety of texts written at the college level, including literature, that reflect current academic concerns relating to issues of language, ethnicity, class, gender, identity, psychology, and cultural studies. The course is intended for students who plan to transfer to a four-year college or university.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>15891</td>
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<td>MW</td>
<td>Blake, G B</td>
<td>ON LINE</td>
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<tr>
<td>15896</td>
<td>LEC</td>
<td>8:00 am - 9:25 am</td>
<td>TTh</td>
<td>Cruz, C A</td>
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<tr>
<td>26992</td>
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<td>10:00 am - 1:10 pm</td>
<td>Sa</td>
<td>Ajluni, A C</td>
<td>ON LINE</td>
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<tr>
<td>15898</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Doss, H M</td>
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<tr>
<td>15921</td>
<td>LEC</td>
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<td>TTh</td>
<td>Cruz, C A</td>
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<tr>
<td>15928</td>
<td>LEC</td>
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<td>MW</td>
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<td>ON LINE</td>
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<td>18034</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>TTh</td>
<td>Mendez, A E</td>
<td>ON LINE</td>
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<tr>
<td>27001</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Shakir, R N</td>
<td>ON LINE</td>
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<tr>
<td>15897</td>
<td>LEC</td>
<td>11:45 am - 1:10 pm</td>
<td>MW</td>
<td>Dolan, T M</td>
<td>ON LINE</td>
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<table>
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<tr>
<th>Class No</th>
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<tr>
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<th>Days</th>
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<tbody>
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<td>20426</td>
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<td>TTh</td>
<td>Viliesid, C N</td>
<td>ON LINE</td>
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</table>

This section is Design Media Art themed for DMA students. If you are not a DMA student and there's seats available, you may ask the instructor for an add code. Prof. Viliesid's email: ViliesCN@lattc.edu

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<thead>
<tr>
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<th>Start/End Time</th>
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<tr>
<td>19806</td>
<td>LEC</td>
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<td>MW</td>
<td>Sowter, S V</td>
<td>ON LINE</td>
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</table>

This section is Advanced Transportation and Manufacturing (ATM) themed. If there are seats available please contact Prof. Sally Sowter at SOWTERSV@lattc.edu

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>15892</td>
<td>LEC</td>
<td>3:00 pm - 4:25 pm</td>
<td>TTh</td>
<td>Mendez, A E</td>
<td>ON LINE</td>
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<th>Start/End Time</th>
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<th>Room</th>
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<td>MW</td>
<td>Mendez, A E</td>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>15912</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>W</td>
<td>Dolan, T M</td>
<td>ON LINE</td>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>15915</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>Th</td>
<td>Ahmed, A A</td>
<td>ON LINE</td>
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<tr>
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<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>23644</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>T</td>
<td>Ajluni, A C</td>
<td>ON LINE</td>
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</table>

This sections focuses on Advertisement, Fashion and Consumerism.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>24042</td>
<td>LEC</td>
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<td>MW</td>
<td>Sowter, S V</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
**ENGLISH 102- College Reading And Composition II (UC/CSU) - 3 Units**

*Requirement Designation:* Meets IGETC 1B 3B CSU A3 C2

*Enrollment Requirement:* Prerequisite: English 101

English 102 develops reading, writing, and critical thinking skills beyond the level achieved in English 101 and requires the writing of a minimum of 10,000 words in essays and a research paper throughout the semester. It emphasizes logical reasoning, analysis, and strategies of argumentation using literature and literary criticism.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**ENGLISH 103- Composition And Critical Thinking (UC/CSU) - 3 Units**
### Requirement Designation:
*Meets IGETC 1B CSU A3*

### Enrollment Requirement:
Prerequisite: English 101

This course helps students develop critical thinking, reading, and writing skills beyond the level achieved in English 101 with an emphasis on logical reasoning, analysis, argumentative writing skills, and research strategies with a minimum of 10,000 words of student writing submitted over the semester.

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>27002 LEC</td>
<td>10:10 am - 1:30 pm</td>
<td>MW</td>
<td>Sowter, S V</td>
<td>ON LINE</td>
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</tbody>
</table>

This section is a late start, second 8 week English 103

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>16789 LEC</td>
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<td>TTh</td>
<td>Mendez, A E</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
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<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>16791 LEC</td>
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<td>MW</td>
<td>Shakir, R N</td>
<td>ON LINE</td>
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</table>

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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>19734 LEC</td>
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<td>ON LINE</td>
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</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Component</th>
<th>Start/End Time</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>18098 LEC</td>
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<td>Ajluni, A C</td>
<td>ON LINE</td>
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</table>

This is a second 8 week late start English 103

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

<table>
<thead>
<tr>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>17879 LEC</td>
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<td>T</td>
<td>Villani, F J</td>
<td>ON LINE</td>
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Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>16785 LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Mancia, R A</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27875 LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Gregory, E A</td>
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Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

### ENGLISH 127 - Creative Writing (UC/CSU) - 3 Units

**Requirement Designation:** Meets CSU C2

**Enrollment Requirement:** Prerequisite: English 101

This course focuses on writing, reading, discussing, and interpreting student creative writing and the writing of
literary masters. It is designed to promote creative expression and increase understanding and appreciation of the craft and pleasures of creative writing. The course covers the genres of poetry, fiction, writing for performance (drama, film, performance art), and creative non-fiction.

26336 LEC 3:10 hrs/wk TBA Blake, G B ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

ENGLISH 203- World Literature I (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 3B CSU C2
Enrollment Requirement: Prerequisite: English 101
In this course, students read key works and ideas of the Western world, the Middle East, Africa, and Asia from antiquity to the seventeenth century. The course requires students to compare readings from different countries and to analyze poetic forms and literary themes significant to the cultural and social mores of the respective literary works.

16828 LEC 3:10 hrs/wk TBA Viliesid, C N ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

ENGLISH 205- English Literature I (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 3B CSU C2
Enrollment Requirement: Prerequisite: English 101
This survey of English literature begins with works from the Middle Ages, proceeds to poetry and plays from the Renaissance, and continues to the decline of neoclassicism in the eighteenth century, with special emphasis on major writers and works. Students will write critical papers.

16834 LEC 3:10 hrs/wk TBA Moreno, L M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

ENGLISH 207- American Literature I (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 3B CSU C2
Enrollment Requirement: Prerequisite: English 101
This course introduces American writers and writings from colonial times to 1865. Besides working with major writers, students will become acquainted with writers who suggest the diversity of subject and opinion in American literature.

16839 LEC 3:10 hrs/wk TBA Shakir, R N ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

ENGLISH 240- Literature And The Motion Picture I (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 3B CSU C2
Enrollment Requirement: Prerequisite: English 101
This course encourages students to read literature from the perspective of filmmakers whose intent is to adapt it for the screen, as well as filmmakers who have an artistic vision or a story to explore as an original
screenplay. By so doing, students hone their close reading skills on written and cinematic texts. They compare and contrast the elements of literature in both genres; including theme (ideology), story (plot), narration (narratology), point of view, characterization, dialogue, setting, scene descriptions (mise en scene, imagery, symbolism, tone) and editing. The first half of the course focuses on literature 'and' film, the second on film 'as' literature.

27528 LEC 6:30 hrs/wk TBA Blake, G B ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

English As A Second Lan-Civics
ESLCVCS 013CE- Esl And Civics IV (Repeatable) - 0 Unit
Esl And Civics IV

20997 LEC 12:15 pm - 3:25 pm TTh Torres-Rezzio, A J ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

20998 LEC 12:15 pm - 3:35 pm TTh Torres-Rezzio, A J ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

English Second Language - NC
ESL NC 006CE- English As A Second Language - 0 (Repeatable) - 0 Unit

20916 LEC 8:30 am - 11:50 am MW Shabazz, S S ON LINE
Academic Connections - ESL-NC-006CE || Session One

Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

20918 LEC 8:30 am - 11:50 am MW Shabazz, S S ON LINE
Academic Connections - ESL-NC-006CE || Session Two

Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

20917 LEC 6:00 pm - 9:20 pm MW STAFF, L ON LINE
Academic Connections - ESL-NC-006CE || Session One

Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>20919</td>
<td>LEC</td>
<td>6:00 pm - 9:20 pm</td>
<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td></td>
<td>Academic Connections - ESL-NC-006CE</td>
<td></td>
<td>Session Two</td>
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</table>

Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**ESL NC 007CE- English As A Second Language - I (Repeatable) - 0 Unit**

English As A Second Language - I

20921 LEC 8:30 am - 11:40 am TTh Shabazz, S S ON LINE

ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

20923 LEC 8:30 am - 11:50 am TTh Shabazz, S S ON LINE

ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

20922 LEC 6:00 pm - 9:10 pm TTh STAFF, L ON LINE

ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

20924 LEC 6:00 pm - 9:10 pm TTh STAFF, L ON LINE

ESL NC-007CE - Intermediate Level || Session II

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**ESL NC 008CE- English As A Second Language - II (Repeatable) - 0 Unit**

English As A Second Language - II
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tbody>
<tr>
<td>26835</td>
<td>LEC</td>
<td>8:30 am - 11:50 am</td>
<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td>ESL NC-008CE - Advanced Level</td>
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</tbody>
</table>

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

| 20927    | LEC       | 8:30 am - 11:50 am | MW   | STAFF, L   | ON LINE |
| ESL NC-008CE - Advanced Level |

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

| 20925    | LEC       | 6:00 pm - 9:20 pm | MW   | STAFF, L   | ON LINE |
| ESL NC-008CE - Advanced Level |

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Call us at 213-763-3738 for more information or assistance with enrollment.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

| 20928    | LEC       | 6:00 pm - 9:20 pm | MW   | STAFF, L   | ON LINE |
| ESL NC-008CE - Advanced Level |

Environmental Science

**ENV SCI 001- Introduction to Environmental Science (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5A CSU B1*

Introduction to Environmental Science

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>16865</td>
<td>LEC</td>
<td>10:00 am - 1:10 pm</td>
<td>W</td>
<td>Briones Ortega, R</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 17587    | LEC       | 10:00 am - 1:10 pm | F    | Briones Ortega, R | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Fashion Design
**FASHDSN 111- Clothing Construction (CSU) - 5 Units**
Introduction to professional sewing equipment: power sewing machine, overlock, steam iron to create basic sewing technique projects.

- **12761 LAB** 7:00 am - 11:20 am MTWThF Glass Villalobos, N ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

- **12778 LAB** 7:00 am - 11:20 am MTWThF Duarte, A S ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

- **12866 LAB** 7:00 am - 11:35 am MTWThF Siccardi, M ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

- **12802 LAB** 12:00 pm - 4:20 pm MTWThF Chao, K L ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

- **12822 LAB** 12:00 pm - 4:35 pm MTWThF Conte, R S ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

**FASHDSN 112- Basic Fashion Art And Design (CSU) - 5 Units**
Instruction includes drawing the women's fashion figure, drawing children and men's figures, flats, various styles and details. Introduction to color, design theory, fabric properties and rendering. Merchandising a garment line.

- **12911 LAB** 7:00 am - 11:20 am MTWThF Siccardi, M ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

- **12948 LAB** 7:00 am - 11:35 am MTWThF STAFF, L ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

- **12970 LAB** 7:00 am - 11:35 am MTWThF Radenbaugh, T ON LINE
  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>12926</td>
<td>LAB</td>
<td>12:00 pm - 4:20 pm</td>
<td>MTWThF</td>
<td>Walker, T</td>
<td>ON LINE</td>
</tr>
<tr>
<td>12999</td>
<td>LAB</td>
<td>12:00 pm - 4:35 pm</td>
<td>MTWThF</td>
<td>Walker, T</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 113- Fashion Design Portfolio Development - 2 Units

This is a course in the production of a finished fashion design portfolio; course projects will be reviewed for portfolio consideration. Some projects will require reworking. The course ends with the presentation of the final project, design process book, and portfolio in front of an Advisory Board.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>26705</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Naranjo, J A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 119A- History Of Costume I (CSU) - 1.5 Units

This course offers an overview of the evolution of fashion from its beginnings in the ancient world through the Baroque and Rococo Eras. Cross cultural influences on fashion through wars, trade, travel, immigration, and communication will be discussed.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>13011</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
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<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 119B- History Of Costume II (CSU) - 1.5 Units

This course will examine events of each period between 1800 and the present and their influence on fashion. Emphasis is placed upon fabrications and silhouettes which represent each period. The ongoing influence of vintage fashion, on contemporary design, will be analyzed.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>13016</td>
<td>LEC</td>
<td>12:00 pm - 1:30 pm</td>
<td>TTh</td>
<td>Naranjo, J A</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

### FASHDSN 120- Basic Pattern Making & Design (CSU) - 5 Units

**Enrollment Requirement:** Prerequisite: FASHDSN 111 and FASHDSN 112

Instruction is given on drafting the basic block, multiple darts and gathers, style lines, sleeves, collars, skirts, and bodice silhouettes.

<table>
<thead>
<tr>
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<th>Instructor</th>
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<tr>
<td>13004</td>
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<td>MTWThF</td>
<td>Jackson, T R</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
<td>13012</td>
<td>LAB</td>
<td>7:00 am - 11:35 am</td>
<td>MTWThF</td>
<td>Duarte, A S</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 1/20/2020, Ends 12/20/2020)

| 13027    | LAB       | 12:00 pm - 4:35 pm | MTWThF | Glass Villalobos, N | ON LINE|

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

### FASHDSN 122- Grading And Marker Making - 5 Units

Instruction is given in grading the basic block, multi patterns, the complete pattern for men, women and children, in a variety of sizes, make a marker, manipulate the one and two darts block, draft the basic dart positions, demonstrate the slash and pivot methods, draft extensions, button placement and facing.

| 13037    | LAB       | 7:00 am - 11:20 am | MTWThF | Naranjo, J A      | ON LINE|

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

| 13061    | LAB       | 12:00 pm - 4:20 pm | MTWThF | Nichols-Cox, M    | ON LINE|

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 125A- Textiles (CSU) - 1.5 Units

This course will introduce design students to fabrications and their appropriate styling. Fabrics discussed will include cottons, woolens, synthetics, and organics as well as support fabrications. Care and handling along with machinery for construction will be covered in this course.

| 13156    | LEC       | 9:00 am - 10:30 am | MW     | Chao, K L        | ON LINE|

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 125B- Textile Science (CSU) - 1.5 Units

This course is an introduction and overview of trade terminology, characteristics of fabrics. This course is an introduction and overview of trade terminology, characteristics of fabric. Topics discussed include: types of yarns and properties, twist yarn, yarn numbering systems and factors in yarn influencing quality.

| 13160    | LEC       | 9:00 am - 10:30 am | MW     | Walker, T        | ON LINE|

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

### FASHDSN 130- Draping & Design (CSU) - 5 Units

**Enrollment Requirement:** Prerequisite: FASHDSN 120

Instruction is given in fundamental draping procedures. The basic block and dart variations, yoke styles, torso styles, advanced skirts, cowls, stretch knits, and current style adaptation are practiced. Student Learning
### Outcomes:
Student will drape a cowl blouse and stylized skirt in woven fabric including a finished pattern. Student will drape and create an original style in knit fabric and complete a finished pattern.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
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<td>LAB</td>
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<td>MTWThF</td>
<td>Lee, A D</td>
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<tr>
<td>13091</td>
<td>LAB</td>
<td>7:00 am - 11:35 am</td>
<td>MTWThF</td>
<td>Naranjo, J A</td>
<td>ON LINE</td>
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<tr>
<td>13078</td>
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<td>12:00 pm - 4:35 pm</td>
<td>MTWThF</td>
<td>Chao, K L</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

### FASHDSN 132- Advanced Patterns And Design (CSU) - 5 Units
**Enrollment Requirement:** Prerequisite: FASHDSN 120 and FASHDSN 122
Instruction is given in torso, jacket and pant blocks, sleeves-in-one with the bodice, neckline variations, and style adaptations according to current styling.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>22932</td>
<td>LAB</td>
<td>7:00 am - 11:20 am</td>
<td>MTWThF</td>
<td>Jackson, T R</td>
<td>ON LINE</td>
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<tr>
<td>22933</td>
<td>LAB</td>
<td>7:00 am - 11:20 am</td>
<td>MTWThF</td>
<td>Lee, A D</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

### FASHDSN 137- Bustier Creation (CSU) - 2 Units
**Enrollment Requirement:** Prerequisite: FASHDSN 130 or FASHDSN 239 AND FASHDSN 111 or FASHDSN 222
Research historical bustier (corset foundation) designs and construction methods and adapt them to create currently fashionable bustiers. Fundamentals of evening dress foundation.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>13120</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>Melin, L A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### FASHDSN 138- Tailoring Techniques For Ready To Wear (CSU) - 2 Units
The objective of this course is to advance the tailoring skills of fashion design students. Instruction will be given on preparation and cutting of fabric, basic hand stitching, the use of steam pressing equipment, and basic elements of tailored apparel.
2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>13124</td>
<td>LAB</td>
<td>11:50 am - 4:05 pm</td>
<td>F</td>
<td>Lee, A D</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 141- Advanced Design (CSU) - 5 Units**

Enrollment Requirement: Prerequisite: FASHDSN 130 and FASHDSN 132

Student will replicate an intricate pant style including a complete pattern and finished garment. Student will design and create a swim suit using industry required fabrications and draft of complete pattern. Student will design and construct a cocktail dress in appropriate assigned fabrications using drafting and draping techniques and complete pattern.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>13130</td>
<td>LAB</td>
<td>7:00 am - 11:20 am</td>
<td>MTWThF</td>
<td>Alcala, C</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**FASHDSN 142- Manufacturing Production (CSU) - 5 Units**

Enrollment Requirement: Prerequisite: FASHDSN 141

Instruction is given in design and creation of garments for showing to the apparel industry. Included is the creation of children's and men's designs along with evening and avant garde styles and the development of a perfect production patterns for a minimum of two ensembles. Field trips, senior evaluation, and job orientation are also included.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>13147</td>
<td>LAB</td>
<td>7:00 am - 11:35 am</td>
<td>MTWThF</td>
<td>Alcala, C</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

**FASHDSN 147- Fashion Show Production (CSU) - 2 Units**

Instruction is given on developing a theme and overall concept for presenting a fashion show. Topics include history of fashion presentations, model selection, fitting, stage design and execution plus behind the scenes production of a department fashion show.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>13161</td>
<td>LEC</td>
<td>12:00 pm - 1:25 pm</td>
<td>F</td>
<td>Duarte, A S</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**AND**

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>13164</td>
<td>LAB</td>
<td>1:25 hrs/wk</td>
<td>Duarte, A S</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**FASHDSN 222- Sample Making And Design I - 2 Units**

The fundamentals of garment construction using industrial power machines. Students will create a portfolio which demonstrates basic sewing techniques.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>13178</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<tbody>
<tr>
<td>13168</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td>FASHDSN 223- Sample Making And Design II - 2 Units</td>
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<tr>
<td>Construction of selected garments for more advanced construction problems. Cutting and constructing blouses, shirt, pants and lined jacket.</td>
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<tr>
<td>13191</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>13185</td>
<td>LAB</td>
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<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>13203</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>13196</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>FASHDSN 224- Sample Making And Design III - 2 Units</td>
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<tr>
<td>Students receive instruction on the theory of color, line and proportion. Selected soft dressmaker type coats, suits, vests, blouses, and dresses are made.</td>
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<tr>
<td>13213</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>Stafford, W</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>13208</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Brooks, M L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>FASHDSN 225- Pattern Making And Design I - 2 Units</td>
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<tr>
<td>Entry level class offering instruction in development of a basic block, test fitting, and additional basic pattern making fundamentals.</td>
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<tr>
<td>13213</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>Stafford, W</td>
<td>ON LINE</td>
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<tr>
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<tr>
<td>13208</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Brooks, M L</td>
<td>ON LINE</td>
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<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>FASHDSN 226- Pattern Making And Design II - 2 Units</td>
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<tr>
<td>Enrollment Requirement: Prerequisite: FASHDSN 225</td>
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<tr>
<td>Intermediate level class offering instruction on the torso bodice, dartless block and drafting a basic pant then using the blocks to create dresses, shirt styles and pant variations. Advanced skirts styling is also included.</td>
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<tr>
<td>13215</td>
<td>LAB</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Melin, L A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<td>Class No</td>
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<tr>
<td>13228</td>
<td>FASHDSN 227- Pattern Making And Design III - 2 Units</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Melin, L A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13241</td>
<td>FASHDSN 228- Pattern Grading And Design I - 2 Units</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>Glass Villalobos, N</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13247</td>
<td>FASHDSN 229- Pattern Grading And Design II - 2 Units</td>
<td>6:00 pm - 9:10 pm</td>
<td>TTh</td>
<td>Glass Villalobos, N</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13249</td>
<td>FASHDSN 236- Fashion Sketching And Design I - 2 Units</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Osuna, C L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13253</td>
<td>FASHDSN 237- Fashion Sketching And Design II - 2 Units</td>
<td>6:00 pm - 9:10 pm</td>
<td>MW</td>
<td>Osuna, C L</td>
<td>ON LINE</td>
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</tbody>
</table>

**FASHDSN 227- Pattern Making And Design III - 2 Units**

**Enrollment Requirement:** Prerequisite: FASHDSN 226

Advanced level class offering instruction on jackets, advanced sleeve styles, contouring fundamentals, and basic bodysuits and leotards.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 228- Pattern Grading And Design I - 2 Units**

This course offers training in increasing and decreasing the pattern size for basic slopers in the several size ranges of women’s wearing apparel. Also includes practice in selected methods and in the use of grading machines currently used in industry.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 229- Pattern Grading And Design II - 2 Units**

Selected whole garments are graded. Research and study is done on the laws of proportionate growth, size ranges, and difficult pattern shapes. Principles of design are correlated to grading problems. Marker making and cost sheets development is included in this course.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 236- Fashion Sketching And Design I - 2 Units**

Instruction includes fashion figure drawing, rendering fabrics and garments on figures, designing selected garments, study of color theory and techniques.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 237- Fashion Sketching And Design II - 2 Units**

**Enrollment Requirement:** Prerequisite: FASHDSN 236

Instruction includes women's day dresses, children's fashion figures and garment designs, watercolor or gouache techniques, illustrations, contemporary graphic layouts and the portfolio development. Techniques of quick sketching will be covered.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
FASHDSN 238- Fashion Sketching And Design III - 2 Units  
**Enrollment Requirement:** Prerequisite: FASHDSN 236 and FASHDSN 237  
Development of professional portfolio presentation including development of design focus and, advanced research techniques. The process will include the development of illustration techniques and design refinement. Professional readiness including; writing a resume, cover letter and calling card and developing refined job interview skills.  
13261 LAB 6:00 pm - 9:10 pm MW Osuna, C L ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FASHDSN 239- Gown Draping And Design I - 2 Units  
Instruction is offered on draping, fitting basic blocks, and transferring the drape to a paper pattern. Students will drape basic type bodices, sleeves, skirts, collars, and construction details. Theory includes basic principles of design, line, proportion, and fabric use.  
13268 LAB 6:00 pm - 9:10 pm TTh Cunnigan, D J ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FASHDSN 240- Gown Draping And Design II - 2 Units  
This course includes the draping of casual knit garments and dress and jacket style innovations. Students use either muslin or fashion fabric according to their capabilities. Fashion trends are studied and original designs are created.  
13278 LAB 6:00 pm - 9:10 pm TTh Cunnigan, D J ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FASHDSN 241- Gown Draping And Design III - 2 Units  
This course correlates the designer's knowledge of designing, sketching, patternmaking, draping, and construction. Students develop confidence as they study the problems of merchandising and manufacturing. Original designs for special occasion garments are executed in various fabrics.  
13289 LAB 6:00 pm - 9:10 pm TTh Cunnigan, D J ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FASHDSN 244- Photoshop For Fashion Design (CSU) - 2 Units  
This course offers computer fashion art instruction using Adobe Photoshop software. Emphasis is placed on preparation and input of fashion images for portfolios and design presentations as required by industry standards.  
13294 LAB 6:00 pm - 9:10 pm TTh Walker, T ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

FASHDSN 256- Cad Apparel Pre-Production Techniques - 2 Units
This course offers basic training in the apparel pre-production process, including grading and marker making as it applies to computerized apparel production. The class will cover the specialized Lectra computer software programs. Students will learn to the functions of the software while grading and making markers. Basic computerized pattern making will also be covered.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>22404</td>
<td>LAB</td>
<td>12:00 pm - 3:10 pm</td>
<td>TTh</td>
<td>Alcala, C</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 258- Computer-Aided Pattern Systems - 2 Units**
This course is designed to expand knowledge of pattern making using Lectra Systems software programs. A variety of pattern will be created using the draft method and the use of basic blocks.

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>22405</td>
<td>LAB</td>
<td>12:00 pm - 3:10 pm</td>
<td>TTh</td>
<td>Alcala, C</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**FASHDSN 264- Apparel Computer Systems Analysis (CSU) - 1 Unit**
This course demonstrates how the apparel industry uses commercial and industry specific technology in the global market. Topics covered are apparel and commercial software and hardware used in the manufacturing process.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>18652</td>
<td>LAB</td>
<td>7:45 am - 11:05 am</td>
<td>TTh</td>
<td>Chao, K L</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

**FASHDSN 270- Illustrator For Fashion Design - 2 Units**
This computer sketching course focuses on the fundamental options to illustrate garments, and fabrics for clothing and accessory presentations based on current global fashion industry technology standards.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tbody>
<tr>
<td>13307</td>
<td>LAB</td>
<td>8:35 am - 3:05 pm</td>
<td>Sa</td>
<td>Lembke, L</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Fashion Merchandising**

**FASHMER 001- Entrepreneurial Fashion (CSU) - 3 Units**
This course delivers the information needed to develop an effective business plan and provides a background in entrepreneurship for apparel related businesses. Students will examine the development of a fashion retail business from concept evaluation to strategy articulation. Procedures and resources for researching and opening a business are covered, as well as assortment planning, pricing and financing.

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<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>13316</td>
<td>LEC</td>
<td>6:00 pm - 8:30 pm</td>
<td>M</td>
<td>Dwyer, N</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Room</th>
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<tbody>
<tr>
<td>13320</td>
<td>LAB</td>
<td>6:00 pm - 7:25 pm</td>
<td>W</td>
<td>Dwyer, N</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
## FASHMER 010- Retail Merchandising (CSU) - 3 Units
This course introduces all phases of fashion retailing from the creative to the financial. It is designed to familiarize students to the crucial functions of merchandising and product management in a retail company. The course covers special aspects of retailing including: the evolution of the industry, merchandising roles and careers, market knowledge, consumer behavior, planning and control and retail pricing.

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
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<tr>
<td>13323</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Murphy, D R</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

## FASHMER 021- Cultural Perspectives Of Dress (CSU) - 3 Units
This course covers the factors that influence human behavior in the selection of dress in societies and cultural groups, and the influence of these factors on the design and production of textiles and apparel. Students will study consumer's purchasing decisions. Topics include the cultural context of dress, dress as nonverbal communication, dress through life stages, dress in the workplace, ethnic influences on dress, and technological changes of dress.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>26662</td>
<td>LEC</td>
<td>8:30 am - 11:40 am</td>
<td>F</td>
<td>Murphy, D R</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## FASHMER 025- Fashion And Industry Interchange (CSU) - 3 Units
This course covers current trends and relationships in the Fashion Industry between apparel, accessories, cosmetics, and home goods. Each category of goods is reviewed from the perspectives of historical development, organization and operation, merchandising and marketing in order to gain broad insight to the unique aspects of these industry segments.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>13340</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Murphy, D R</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

## FASHMER 030- Wholesale Merchandising (CSU) - 3 Units
This course prepares students for a merchandising position with an apparel manufacturing company. All phases, including line development, design, costing, sales, production, contracting and distribution are covered. Current trends and specialized knowledge in merchandising a successful line are emphasized.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>13348</td>
<td>LEC</td>
<td>8:30 am - 9:55 am</td>
<td>TTH</td>
<td>Murphy, D R</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

## FASHMER 041- Fashion Merchandise Buying (CSU) - 3 Units
This course provides specific instruction on fashion/merchandise buying tasks such as: identifying target customers, creating six month merchandise plans, departmental assortment plans, shopping the market and placing orders, in-season sales planning and forecasting, and calculating open-to-buy. This course covers the process of retail buying for a small business as well as for larger companies.
# 2020 Fall Schedule

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>13354</td>
<td>LAB</td>
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<td>Th</td>
<td>Murphy, D R</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Finance**

**FINANCE 008- Personal Finance And Investments (CSU) - 3 Units**

This course presents the theory and practice involved with applying personal financial decisions met in everyday living. Functions of several financial institutions that exist to serve the consumer and the financial advisor. Also included are a selection of services that are chosen from topics such as borrowing money, understanding credit scores, buying insurance, buying a new home, tax strategy, retirement planning, and buying stocks and bonds.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>13506</td>
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<td>McIntosh, A U</td>
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</tr>
</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**French**

**FRENCH 001- Elementary French I (UC/CSU) - 5 Units**

*Requirement Designation: Meets IGETC 6A CSU C2*

This course introduces the fundamentals of French pronunciation and grammar; the building of a basic practical vocabulary; and develops the ability to speak, understand, read, and write simple contemporary French. Basic computer skills are necessary to access and complete online homework.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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</tr>
</tbody>
</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Geography**

**GEOG 001- Physical Geography (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5A CSU B1*

This course analyzes spatial patterns of the Earth's physical features and processes. The connections between Earth's water, air, land, and life are investigated at global, regional, and local scales providing a general synthesis of the broad field of physical geography.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>10989</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>M</td>
<td>Landau, D M</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID-19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**GEOG 002- Cultural Elements Of Geography (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4E CSU D5*

Explore the geographic character of human societies and the challenges and opportunities of living in an increasingly globalized world. Discover the origins, diffusion, and distributions of cultural traditions and popular culture, population and migration, languages, religions, ethnic identity, political structures and
nationalism, agriculture and food, economic systems, urbanization, and landscape modification.

11204  LEC  2:30 pm - 3:55 pm  TTh  Conti, M R  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

20464  LEC  3:10 hrs/wk  TBA  Armen, A M  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

26398  LEC  3:10 hrs/wk  TBA  Simonyan, K  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Geology

GEOLOGY 001- Physical Geology (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5A CSU B1

Physical Geology

11651  LEC  8:00 am - 11:10 am  Sa  Boroon, M H  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

11642  LEC  6:00 pm - 9:10 pm  T  Ortega, R  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

GEOLOGY 006- Physical Geology Laboratory (UC/CSU) - 2 Units

Requirement Designation: Meets IGETC 5C CSU B3

Enrollment Requirement: Prerequisite or Corequisite: GEOLOGY 001

Physical Geology Laboratory

11942  LAB  11:30 am - 1:35 pm  Sa  Boroon, M H  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Health

HEALTH 002- Health And Fitness (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

Students will learn methods of physical, holistic, and psychological wellness, with an emphasis on disease prevention, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management and weight control. Individual improvements using cardiovascular and resistance training, flexibility, and body composition management are emphasized in the physical fitness segment of the course.

20636  LEC  1:20 pm - 3:25 pm  W  Ratcliff, J E  ON LINE

AND

20637  LAB  3:35 pm - 5:40 pm  W  Ratcliff, J E  ON LINE
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<th>Days</th>
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<tr>
<td>26312</td>
<td>LAB</td>
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<td>ON LINE</td>
</tr>
<tr>
<td>12744</td>
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<td>T</td>
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<tr>
<td>12753</td>
<td>LAB</td>
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<td>Lagos, D R</td>
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<tr>
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<td>LEC</td>
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</tr>
</tbody>
</table>

**HEALTH 006- Nutrition For Healthful Living And Fitness Activities (UC/CSU) - 3 Units**  
*Requirement Designation: Meets CSU E*

Students will learn basic nutrition theories, information for healthful food purchasing, and the relationship of nutrition to disease. Class time includes participation in fitness activities including cardiovascular and resistance training, flexibility, and body composition management.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**HEALTH 011- Principles Of Healthful Living (UC/CSU) - 3 Units**  
*Requirement Designation: Meets CSU E*

 Students will learn health concepts and values with the goal of promoting a high quality of life. Topics include nutrition, physical fitness, communicable diseases and other major health problems, consumer and environmental health, human sexuality and family life, mental and emotional health, tobacco, alcohol and drugs, aging, and death and dying.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
## 2020 Fall SCHEDULE

**LA Trade-Technical College**

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
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<td>TBA</td>
<td>Delzeit, L D</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with **NO required virtual scheduled meetings.** Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Due to COVID 19 pandemic, this class will be conducted remotely and online with **SOME REQUIRED virtual scheduled meetings.** Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**HEALTH 021- Human Sexuality (UC/CSU) - 3 Units**

*Requirement Designation: Meets CSU E*

Students will learn the cultural, behavioral, biological and psychosocial aspects of human sexuality for health and wellness.

| 26315 | LEC | 10:10 am - 11:35 am | TTh | Budinger, J E | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with **SOME REQUIRED virtual scheduled meetings.** Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 26314 | LEC | 11:45 am - 1:10 pm | MW  | Budinger, J E | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with **SOME REQUIRED virtual scheduled meetings.** Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**HEALTH 043- Men's Health And Fitness (UC/CSU) - 3 Units**

*Requirement Designation: Meets CSU E*

Students will learn the knowledge and understandings of men's health issues. Topics include physical, emotional, psychological, and social aspects related to men's health, fitness and wellness. During the physical fitness segment, students participate in aerobic, flexibility, and strength training activities, focusing on individual improvement.

| 26316 | LEC | 1:20 pm - 3:25 pm | M   | Ratcliff, J E | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with **SOME REQUIRED virtual scheduled meetings.** Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

| 26721 | LAB | 3:35 pm - 5:40 pm | M   | Ratcliff, J E | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with **SOME REQUIRED virtual scheduled meetings.** Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**HEALTH 101- Introduction to Public Health (CSU) - 3 Units**

*Requirement Designation: Meets CSU-D*

Students will be introduced to the discipline of public health. Topics include the epidemiology of infectious and chronic disease; prevention and control of diseases in the community including the analysis of the social determinants of health and strategies for eliminating disease, illness and health disparities among various populations; community organizing and health promotion programming; environmental health and safety; global health; and health care policy and management.

| 27065 | LEC | 3:10 hrs/wk       | TBA  | Washington, C A | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with **NO required virtual scheduled meetings.** Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Health Occupations**
### HLTHOCC 062- Skill Set For The Health Care Professional (CSU) - 2 Units
This course is an introduction of the concepts and skills that serve as a foundation for the health care professions. Topics include hygiene and safety, infection control, basic client monitoring, basic first aid, therapeutic communication and basic health documentation.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
<td>26687</td>
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<td>MW</td>
<td>STAFF, L</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

**AND**

<table>
<thead>
<tr>
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<th>Instructor</th>
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<tbody>
<tr>
<td>26688</td>
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<td>9:20 am - 10:45 am</td>
<td>MTWTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

### HLTHOCC 062A- Skill Set for the Health Care Professional - Lecture (CSU) - 1 Unit

**Enrollment Requirement:** Corequisite: HLTHOCC 911 OR HLTHOCC 062B
This course is an introduction of the concepts and skills that serve as a foundation for the health care professions. Topics include hygiene and safety, infection control, basic client monitoring and basic first aid, therapeutic communication and basic health documentation. This is the lecture portion of the HLTHOCC 062 class.

<table>
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<tr>
<th>Class No</th>
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<tr>
<td>26503</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

### HLTHOCC 062B- Skill Set for the Health Care Professional - Lab (CSU) - 1 Unit
This course is an introduction of the concepts and skills that serve as a foundation for the health care professions. Topics include hygiene and safety, infection control, basic client monitoring and basic first aid, therapeutic communication and basic health documentation. This is the lab portion.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
<td>26504</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)
<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>27939</td>
<td>HLTHOCC 063- Basic Medical Terminology, Pathophysiology And Pharmacology (CSU) - 2 Units</td>
<td>1:00 pm - 2:30 pm</td>
<td>TTh</td>
<td>Esparza, T</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26690</td>
<td>HLTHOCC 064- Cultural And Legal Topics For Health Care Professionals (CSU) - 1 Unit</td>
<td>3:00 pm - 3:50 pm</td>
<td>MTWTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>27941</td>
<td></td>
<td>8:00 am - 10:05 am</td>
<td>Sa</td>
<td>Bradley, D</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26694</td>
<td></td>
<td>11:15 am - 12:05 pm</td>
<td>MTW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>27940</td>
<td></td>
<td>1:00 pm - 2:20 pm</td>
<td>TTh</td>
<td>Pinto, A</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

**HLTHOCC 063- Basic Medical Terminology, Pathophysiology And Pharmacology (CSU) - 2 Units**
This basic medical language course will discuss common diseases and injuries and their pharmacological treatment using medical terminology in English and Spanish, when appropriate.

27939 LEC 1:00 pm - 2:30 pm TTh Esparza, T ON LINE

[Partnerships]
New Design Charter HS
2303 Figueroa Way, Los Angeles, CA 90007

Enrollment and participation open to all students and this course will be taught online.
(Starts 08/31/2020, Ends 10/25/2020)

26690 LEC 3:00 pm - 3:50 pm MTWTh STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

26689 LEC 4:15 hrs/wk TBA Washington, C A ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

**HLTHOCC 064- Cultural And Legal Topics For Health Care Professionals (CSU) - 1 Unit**
This course provides an overview of the concepts of health and illness, cultural diversity and legal issues that affect the health care professional.

27941 LEC 8:00 am - 10:05 am Sa Bradley, D ON LINE

[Partnerships]
University Pathways Medical Magnet Academy
11227 South San Pedro St, Los Angeles, CA 90061

Enrollment and participation open to all students and this course will be taught online.
(Starts 08/31/2020, Ends 10/25/2020)

26694 LEC 11:15 am - 12:05 pm MTW STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

27940 LEC 1:00 pm - 2:20 pm TTh Pinto, A ON LINE

[Partnerships]
New Design Charter HS
2303 Figueroa Way, Los Angeles, CA 90007

Enrollment and participation open to all students and this course will be taught online.
(Starts 11/09/2020, Ends 12/20/2020)
20634  LEC  3:00 hrs/wk  TBA  Washington, C A  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.  
(Starts 08/31/2020, Ends 10/10/2020)

HLTHOCC 065- Fundamentals For The Health Care Professional (CSU) - 2.5 Units
This course explores career options in the health care industry, healthy behavior for health care workers, work ethics, professional resumes and interviewing skills and personality traits of a health care professional. There will be an internship during which area employers will introduce students to direct and indirect patient care opportunities.

27947  LEC  10:00 am - 11:10 am  TTh  Hernando, C E  ON LINE

[Partnerships]
New Design Charter HS
2303 Figueroa Way, Los Angeles, CA 90007

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.  
For more information, contact us at 213-763-3754.

27948  LEC  10:15 am - 12:45 pm  Sa  Bradley, D  ON LINE

[Partnerships]
University Pathways Medical Magnet Academy
11227 South San Pedro St, Los Angeles, CA 90061

Enrollment and participation is only for Early College Academy students as a part of the CCAP-AB288 agreement. Due to the COVID-19 pandemic, this class will be conducted remotely and online.  
For more information, contact us at 213-763-3754.

18657  LEC  1:00 pm - 2:50 pm  MTWTh  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
(Starts 08/31/2020, Ends 10/10/2020)

History

HISTORY 002- Introduction To Western Civilization II (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3B 4 CSU GE C2 D
Introduction To Western Civilization II

22463  LEC  3:10 hrs/wk  TBA  Bird, B L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

HISTORY 011- Political And Social History Of The United States I (UC/CSU) - 3 Units
### Requirement Designation:

Meets IGETC 4F CSU D6

Political And Social History Of The United States I

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<td>LEC</td>
<td>8:35 am - 10:00 am</td>
<td>MW</td>
<td>Grutzmacher, W</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15961</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Mazon, R</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15963</td>
<td>LEC</td>
<td>11:45 am - 1:10 pm</td>
<td>MW</td>
<td>Simon, D G</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15976</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>W</td>
<td>Friedman, B D</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15959</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Martinez, M E</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15965</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Rodríguez Estrada, A I</td>
<td>ON LINE</td>
</tr>
<tr>
<td>15966</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Martinez, M E</td>
<td>ON LINE</td>
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<tr>
<td>15971</td>
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<td>15979</td>
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<tr>
<td>19880</td>
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<td>5:50 hrs/wk</td>
<td>TBA</td>
<td>Bird, B L</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/19/2020, Ends 12/20/2020)

| 26410   | LEC       | 3:10 hrs/wk    | TBA  | Bird, B L  | ON LINE    |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

| 26427   | LEC       | 3:10 hrs/wk    | TBA  | Martinez, M E | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

HISTORY 012- Political And Social History Of The United States II (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

| 16221   | LEC       | 8:35 am - 10:00 am | TTh  | Grutzmacher, W | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 16222   | LEC       | 11:45 am - 1:10 pm | TTh  | Kelly, J F    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 22209   | LEC       | 1:35 pm - 3:00 pm | TTh  | Kelly, J F    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

ATM Pathway/Guided Choices

| 16225   | LEC       | 3:10 hrs/wk      | TBA  | Gomez, G     | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

| 16231   | LEC       | 3:10 hrs/wk      | TBA  | Bird, B L    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

| 19881   | LEC       | 5:50 hrs/wk      | TBA  | Rodriguez Estrada, A I | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/19/2020, Ends 12/20/2020)
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<td>22466</td>
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| 26436    | LEC       | 3:10 hrs/wk    | TBA  | Bird, B L           | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

HISTORY 041- The African American In The History Of The U.S. I (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4F CSU D6

The African American In The History Of The U.S. I

| 16262    | LEC       | 10:10 am - 11:35 am | TTh  | Green, C D      | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

HISTORY 043- The Mexican-American In The History Of The United States I (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4F CSU D6

The Mexican-American In The History Of The United States I

| 16271    | LEC       | 3:10 hrs/wk    | TBA  | Rodriguez Estrada, A | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

HISTORY 086- Introduction To World Civilization I (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4F CSU D6

Introduction To World Civilization I

| 16291    | LEC       | 3:10 hrs/wk    | TBA  | Martinez, M E       | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

HISTORY 087- Introduction To World Civilization II (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4F CSU D6

Introduction To World Civilization II

| 22461    | LEC       | 3:10 hrs/wk    | TBA  | Bird, B L           | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
**Humanities**

**HUMAN 001- Cultural Patterns Of Western Civilization (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 3B CSU C2*

This course introduces the general concepts of the Humanities in the framework of the predominant cultural patterns of the Western tradition from the earliest civilizations, such as the Sumerians and the Egyptians, the classical heritage of Greece and Rome, the Medieval period, or Middle Ages, and possibly continuing through the Renaissance and the Reformation. Mythology, music, history, philosophy, painting, drama, sculpture and architecture are studied and compared in relation to their background, medium, organization and style. Emphasis is placed upon the awareness of cultural heritage, values and perspectives as revealed in the arts. Comparisons to relevant Asian, African and American cultures and art may also explored. Specifics may vary based on instructor.

10270 LEC 8:35 am - 10:00 am TTh Armstrong, A E ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10243 LEC 10:10 am - 11:35 am MW Abdul-Mu'min, J ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10296 LEC 3:10 hrs/wk TBA Tropf, R K ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

10378 LEC 3:10 hrs/wk TBA Tropf, R K ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**HUMAN 002- Studies In Selected Cultures (UC/CSU) (RPT 1) - 3 Units**

*Requirement Designation: Meets IGETC 3B CSU C2*

**Studies In Selected Cultures**

26142 LEC 10:10 am - 11:35 am TTh Armstrong, A E ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

26141 LEC 3:10 hrs/wk TBA Tropf, R K ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Kinesiology**

**KIN 237- Boot Camp I (CSU) - 1 Unit**

This course is designed as an introduction to high intensity interval training methods to improve levels of fitness.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### KIN 317-1 - Self Defense I (CSU) - 1 Unit

Students learn self-defense and personal safety skills for men and women at an introductory level.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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</thead>
<tbody>
<tr>
<td>26319</td>
<td>LAB</td>
<td>8:35 am - 10:00 am</td>
<td>MW</td>
<td>Budinger, J E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### KIN 329-1 - Body Conditioning I (UC/CSU) - 1 Unit

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

This introductory course provides students with the opportunity to learn and participate in a variety of exercises for increasing cardiovascular fitness, muscular strength, and flexibility.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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</thead>
<tbody>
<tr>
<td>11993</td>
<td>LAB</td>
<td>7:00 am - 8:25 am</td>
<td>MW</td>
<td>Budinger, J E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### KIN 329-2 - Body Conditioning II (UC/CSU) - 1 Unit

**Requirement Designation:** Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn and participate in a variety of beginning level exercises for increasing cardiovascular fitness, muscular strength, and flexibility. This course builds on KIN 329-1.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tbody>
<tr>
<td>13063</td>
<td>LAB</td>
<td>7:00 am - 8:25 am</td>
<td>MW</td>
<td>Budinger, J E</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
KIN 329-3 - Body Conditioning III (UC/CSU) - 1 Unit  
Requirement Designation: Meets CSU E  
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family  
Students learn and participate in a variety of intermediate level exercises for increasing cardiovascular fitness, muscular strength, and flexibility. This course builds on KIN 329-2.  
19674 LAB 7:00 am - 8:25 am MW Budinger, J E ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
19679 LAB 8:35 am - 10:00 am TTh Budinger, J E ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
26326 LAB 10:10 am - 11:35 am MW Budinger, J E ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  

KIN 330-1 - Cardio Kickboxing I (UC/CSU) - 1 Unit  
Requirement Designation: Meets CSU E  
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family  
Students learn introductory level, non-contact, cardio-kickboxing techniques to improve overall fitness including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition.  
17537 LAB 1:20 pm - 2:45 pm TTh STAFF, L ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  

KIN 330-2 - Cardio Kickboxing II (UC/CSU) - 1 Unit  
Requirement Designation: Meets CSU E  
Students learn beginning level, non-contact, cardio-kickboxing techniques to improve overall fitness including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition. This course builds on KIN 330-1.  
22366 LAB 1:20 pm - 2:45 pm TTh STAFF, L ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  

KIN 330-3 - Cardio Kickboxing III (UC/CSU) - 1 Unit  
Requirement Designation: Meets CSU E  
Students learn intermediate level, non-contact, cardio-kickboxing techniques to improve overall fitness including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition. This course builds on KIN 330-2.  
23287 LAB 1:20 pm - 2:45 pm TTh STAFF, L ON LINE  
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
KIN 334-1- Fitness Walking I (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through introductory level walking programs.

26322 LAB 10:10 am - 11:35 am MW Lagos, D R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN 334-2- Fitness Walking II (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through beginning level walking programs. This course builds on KIN 334-1.

26323 LAB 10:10 am - 11:35 am MW Lagos, D R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN 334-3- Fitness Walking III (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through intermediate level walking programs. This course builds on KIN 334-2.

26324 LAB 10:10 am - 11:35 am MW Lagos, D R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN 337- Boot Camp II (UC/CSU) - 1 Unit

This course is designed as an introduction to high intensity interval training methods to improve levels of fitness.

26320 LAB 8:35 am - 10:00 am MW Budinger, J E ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN 351-1- Yoga I (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Introductory yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health.

17538 LAB 2:55 pm - 4:20 pm MW STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
KIN 351-2- Yoga II (CSU) - 1 Unit
Beginning yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health. This course builds upon KIN 351-1.
22603 LAB 2:55 pm - 4:20 pm MW STAFF, L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN 351-3- Yoga III (CSU) - 1 Unit
Intermediate yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health. This course builds upon KIN 351-1 and KIN 351-2.
26325 LAB 2:55 pm - 4:20 pm MW STAFF, L ON LINE.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Kinesiology Athletics
KIN ATH 504- Intercollegiate Athletics-Basketball (CSU) (RPT 3) - 3 Units
Students will participate in basketball for the colleges intercollegiate team and develop advanced skills and techniques. This class provides an opportunity to learn the fine skills and strategies needed to compete at the collegiate level. This course requires the student athletes to compete as a member of the basketball team.
10391 LAB 3:00 pm - 5:05 pm MTWThF STAFF, L ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Kinesiology Major
KIN MAJ 100- Introduction To Kinesiology (CSU) - 3 Units
Students learn about the study of human movement through an interdisciplinary approach that includes discussing the importance of the sub-disciplines in kinesiology and the variety of career opportunities in the areas of teaching, allied health, and fitness professions.
20719 LEC 6:00 pm - 9:10 pm M Ratcliff, J E ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

KIN MAJ 106- Sports Ethics (UC/CSU) - 3 Units
2020 Fall SCHEDULE

LA Trade-Technical College

<table>
<thead>
<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<td>146</td>
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**Requirement Designation:**  
Meets CSU C2

Students will learn the wide range of moral and ethical issues in sports. Topics include racial and gender equity, commercialization, use of ergogenic aids, eligibility, violence, sportsmanship, and code of ethics, using an examination of historical and current events.

18123 LEC 3:10 hrs/wk TBA Ratcliff, J E ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

KIN MAJ 120- HISTORY OF PHYSICAL EDUCATION, KINESIOLOGY AND SPORT (CSU) (RPT 1) - 3 Units

**Requirement Designation:**  
Meets IGETC 4F CSU D6

This course introduces students to the history and foundations of physical education, kinesiology and sport. From the ancient non-western civilizations to current times, students will learn the contributions of cultures, individuals and events to the physical education, kinesiology and sport fields. Through lecture, reading sources and class discussions, students will gain a better understanding of the disciplines, the differences between the disciplines and the future directions for physical education, kinesiology and sport.

26318 LEC 6:00 pm - 9:10 pm W Ratcliff, J E ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Labor Studies

LABR ST 001- Us Labor History (UC/CSU) - 3 Units

**Requirement Designation:**  
Meets IGETC 4F CSU D6

This course covers the often untold story of workers' struggle to improve their lives through union organizing and collective bargaining, ranging from early craft unions, the bloody battles to form industrial unions, and the rise of labor federations and public sector unions.

18894 LEC 3:10 hrs/wk TBA Maffei, G ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

LABR ST 004- Labor In America (UC/CSU) - 3 Units

**Requirement Designation:**  
Meets IGETC 4G CSU D7

Examines how labor organizations and labor laws impact workers, families and American society focusing on worksite-related issues such as job security, income, workers’ rights, immigration and role of unions.

14587 LEC 3:10 hrs/wk TBA Siegel, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

LABR ST 005- Grievance And Arbitration Procedures (CSU) - 3 Units

Students learn to identify, investigate, write and present grievances and arbitrations with emphasis on participant's own contract, grievance procedure and experiences.
2020 Fall SCHEDULE

LA Trade-Technical College

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<td>26571</td>
<td>LEC</td>
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<td>M</td>
<td>Akel, T M</td>
<td>TEAM 2010</td>
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<td>Due to COVID 19, this class will be conducted completely online.</td>
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<td>TEAMSTERS 2010, 9900 Flower Street, Bellflower, CA 90706</td>
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<td>TBA</td>
<td>Wills, E R</td>
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LABR ST 007- Labor And Political Action (CSU) - 3 Units
Covers current political issues facing working people, labor movement, methods and techniques for lobbying, political action, member mobilization, monitoring legislation and campaign laws.

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<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Wills, E R</td>
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LABR ST 008- Labor In The Global Economy (UC/CSU) - 3 Units
Impact of the global economy on working families, covering key economic concepts, processes and institutions such as wages, productivity, technology, outsourcing, public services, inflation, taxation, privatization, multinational corporations, and unions.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>14611</td>
<td>LEC</td>
<td>3:10 hrs/wk</td>
<td>TBA</td>
<td>Young, J F</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.</td>
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</tbody>
</table>

LABR ST 020- Workers' Rights (CSU) - 3 Units
Basic legal rights for workers, including: wage and hour laws, overtime, leaves, workplace privacy including e-mail and computers, accommodating disabilities, including pregnancy, and combating sexual harassment and employment discrimination.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tbody>
<tr>
<td>26573</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.</td>
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</tbody>
</table>

LABR ST 021- The Working Class And Cinema (UC/CSU) - 3 Units
Requirement Designation: Meets IGETC 3B CSU C2
This course will examine and analyze how feature film portrayals of the working class and labor unions may shape public perception.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>18629</td>
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<td>Chen, M M</td>
<td>ON LINE</td>
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<td></td>
<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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</tbody>
</table>

LABR ST 024- Enforcing Workers' Rights (CSU) - 3 Units
Skills needed to work in the Labor Commissioner’s office and other state agencies ensure workers are paid their wages.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>26571</td>
<td>LEC</td>
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<td>M</td>
<td>Akel, T M</td>
<td>TEAM 2010</td>
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<tr>
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<td>Due to COVID 19, this class will be conducted completely online.</td>
<td></td>
<td>TEAMSTERS 2010, 9900 Flower Street, Bellflower, CA 90706</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<tr>
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<td>TBA</td>
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<td>ON LINE</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.</td>
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</tbody>
</table>

LABR ST 007- Labor And Political Action (CSU) - 3 Units
Covers current political issues facing working people, labor movement, methods and techniques for lobbying, political action, member mobilization, monitoring legislation and campaign laws.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20657</td>
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<td>3:10 hrs/wk</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.</td>
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<td>Class No</td>
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<tr>
<td>26579</td>
<td>LABR ST 101- Introduction To Unions (CSU) - 1 Unit</td>
<td>4:15 hrs/wk</td>
<td>TBA</td>
<td>Siegel, L</td>
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<td>(Starts 10/22/2020, Ends 11/19/2020)</td>
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<tr>
<td>26574</td>
<td>LABR ST 103- Labor Law Update (CSU) (RPT  3) - 1 Unit</td>
<td>8:30 am - 5:20 pm</td>
<td>Sa</td>
<td>Levy, L N</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LEC 8:30 am - 5:20 pm</td>
<td>Sa</td>
<td>Levy, L N</td>
<td>ON LINE</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>26918</td>
<td>LABR ST 104- Current Issues For Labor (CSU) - 1 Unit</td>
<td>9:00 am - 1:15 pm</td>
<td>Sa</td>
<td>Chen, M M</td>
<td>LA CFL</td>
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<tr>
<td>And</td>
<td>LEC 9:00 am - 1:15 pm</td>
<td>Sa</td>
<td>Chen, M M</td>
<td>LA CFL</td>
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<td>And</td>
<td>LEC 9:00 am - 1:15 pm</td>
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<td>Chen, M M</td>
<td>LA CFL</td>
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<tr>
<td>And</td>
<td>LEC 9:00 am - 1:15 pm</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</td>
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<tr>
<td>26578</td>
<td>LABR ST 105- Grievance Handling Skills (CSU) - 1 Unit</td>
<td>1:00 pm - 7:00 pm</td>
<td>Sa</td>
<td>Hatcher, M D</td>
<td>ON LINE</td>
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<tr>
<td>And</td>
<td>LEC 1:00 pm - 7:00 pm</td>
<td>Sa</td>
<td>Hatcher, M D</td>
<td>ON LINE</td>
<td></td>
</tr>
<tr>
<td>And</td>
<td>LEC 1:00 pm - 7:00 pm</td>
<td>Sa</td>
<td>Hatcher, M D</td>
<td>ON LINE</td>
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<td>(Starts 12/05/2020, Ends 12/19/2020)</td>
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<tr>
<td>26575</td>
<td>LABR ST 107- Organizing For Political Action (CSU) (RPT  2) - 1 Unit</td>
<td>8:30 am - 5:20 pm</td>
<td>Sa</td>
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<td>(Starts 09/19/2020, Ends 09/26/2020)</td>
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</table>
### LABR ST 109- Union Building Strategies (CSU) - 1 Unit
Skills and techniques to build a strong union through strategic planning, leadership development, communication techniques, 1-to-1 techniques.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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</thead>
<tbody>
<tr>
<td>26577</td>
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<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LEC</td>
<td>7:00 am - 12:50 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
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</tr>
<tr>
<td>And</td>
<td>LEC</td>
<td>7:00 am - 12:50 pm</td>
<td>Sa</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 11/14/2020, Ends 12/05/2020)

### LABR ST 132- Strategic Bargaining (CSU) - 1 Unit
Building bargaining power through the strategic use of leverage and pressure tactics, such as power analysis and member and community involvement.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>26576</td>
<td>LEC</td>
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<td>Sa</td>
<td>Walker, J F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>And</td>
<td>LEC</td>
<td>8:30 am - 5:20 pm</td>
<td>Sa</td>
<td>Walker, J F</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/10/2020, Ends 11/07/2020)

### Law

**LAW 018- Marriage And Family Law (CSU) - 3 Units**
This course analyzes fundamental concepts of family law with emphasis on California's community property laws. Lectures and activities will address child custody, spousal and child support, required financial disclosures, domestic abuse, and settlement agreements. Students will prepare mandatory forms in a dissolution proceeding and parenting plan proposals.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
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<td>TTh</td>
<td>Gary, K L</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

### Library Science

**LIB SCI 100- Media and Information Literacy: Research Strategies and Beyond (CSU) - 3 Units**
Media and Information Literacy: Research Strategies and Beyond

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>26117</td>
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<td>TBA</td>
<td>King, R M</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**LIB SCI 101- College Research Skills (CSU) - 1 Unit**
This is a practical course in college level research using academic libraries and related information sources. Students develop strategies to find, organize, evaluate, and cite various print and online sources effectively and ethically. These skills help students become strong researchers and life-long learners.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
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<td>18946</td>
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<td>TBA</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

**Machine Shop - Cnc**

**MSCNC 111- Principles Of Machine Tools I (CSU) - 2 Units**

MSCNC 111 (Principles of Machine Tools I) is a course that will engage students with Machine Shop specific topics including; safety practices, hand tools, precision measuring tools, set-up and operation of band saws, drill presses, lathes, mills, pedestal grinders, power saws as well as computer numerical control (CNC) machine tools. Theoretical and manipulative exercises will challenge students' understanding of practical subject matter.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>17340</td>
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<td>Chit, T</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>17341</td>
<td>LAB</td>
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<td>Th</td>
<td>Chit, T</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MSCNC 112A- Technology And Application Of Machining Ia - 3 Units**

MSCNC 112A (Technology and Application of Machining IA) is a lab course that will engage students with machine shop specific topics including; shop safety, speeds, feeds, set-up, operation and technology of basic machine tools. Band saws, drill presses, lathes, mills, pedestal grinders, power saws as well as computer numerical control (CNC) machine tools will be introduced and used by the students. Along with the machine tools, students will be expected to identify, manipulate and properly use and read basic hand tools and precision measuring instruments.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<tr>
<td>17345</td>
<td>LAB</td>
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<td>MW</td>
<td>Chit, T</td>
<td>ON LINE</td>
</tr>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MSCNC 112B- Technology And Application Of Machining (Cad) Ib - 1 Unit**

MSCNC 112B (Technology and Application of Machining (CAD) IB) is a course that will engage students with Machine Shop specific topics related to computer aided design (CAD). Topics will include solid model creation, blueprint creation, dimensioning, product development and assembling individual parts into completed assemblies.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MSCNC 114- Print Interpretation & Sketching (Blueprint I) (CSU) - 3 Units
Print Interpretation & Sketching (Blueprint I)
17342  LEC  8:35 am - 10:00 am  TTh  Chit, T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MSCNC 115- Basic Applied Mathematical Calculations (CSU) - 3 Units
MSCNC 115 (Basic Applied Mathematical Calculations) is a course that will engage students with machine shop specific topics related to calculations and calculator manipulation. Number theory, inch & metric calculations, algebra, ratios & proportions and fractions will all be covered in this course.
17343  LEC  12:00 pm - 1:25 pm  MW  Chit, T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MSCNC 131A- Principles Of Machine Tools IIIA - 2 Units
MSCNC 131A (Principles of Machine Tools IIIA) is a course that will engage students with Machine Shop specific topics including; shop safety, engine lathe, milling machine, vertical milling machine, grinders as well as materials, inspection techniques and machining topics. Theoretical and manipulative exercises will challenge students' understanding of practical subject matter.
17347  LEC  8:35 am - 10:00 am  T  Shibuya, S T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
18953  LAB  8:35 am - 10:00 am  Th  Shibuya, S T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MSCNC 131B- Principles Of Machine Tools (Cnc) IIIB - 3 Units
MSCNC 131B (Principles of Machine Tools (CNC) IIIB) is a course that will engage students with Machine Shop specific topics related to machine tool programming. Both numerical control (NC) and computer numerical control (CNC) machine tools must have 'part programs' written for them to perform their intended function and create parts that are correct in fit, form and function.
17348  LEC  7:00 am - 8:25 am  TTh  Shibuya, S T  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MSCNC 132A- Technology And Application Of Machining IiiA - 3 Units
MSCNC 132A (Technology and Application of Machining IIIA) is a course that will engage students with Machine Shop specific topics related to the set-up, operation, and/or programming of grinding machines, milling machines, engine lathes, CNC machining centers, CNC turning centers and EDM machines. Assigned
projects will allow students to continue to build their skills on previously encountered machine tools as well as being introduced to new technologies, including unconventional machining techniques.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<td>MW</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MSCNC 132B- Technology And Application Of Machining (Cam) IIIB - 1 Unit**

MSCNC 132B (Technology and Application of Machining (CAM) IIIB) is a course that will engage students with Machine Shop specific topics regarding computer aided manufacturing (CAM) computer programs. Students will create geometry, cutting tools, process information in order for the CAM program to create cutter paths that will create the correct fit, form and function on the part.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MSCNC 135- Advanced Applied Mathematical Calculations (CSU) - 3 Units**

MSCNC 135 (Advanced Applied Mathematical Calculations) is a course that will engage students with Machine Shop specific topics as they relate to trigonometric and compound angular calculations.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>17344</td>
<td>LEC</td>
<td>12:00 pm - 1:25 pm</td>
<td>MW</td>
<td>Shibuya, S T</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Management**

**MGMT 002- Organization And Management Theory (CSU) - 3 Units**

Students will be introduced to the management and organization of businesses. Students will connect how the management of people and resources accomplishes organizational goals. Students will demonstrate their understanding of leading, planning and controlling, organization design, operations management, and decision making. Students will also provide examples of human resource management, managing change, individual and group behavior, motivating and rewarding employees, communicating and interpersonal skills, work teams, ethics, leadership and trust in various business case studies.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>20785</td>
<td>LEC</td>
<td>12:00 pm - 3:10 pm</td>
<td>TTh</td>
<td>Wilson-Aus, A M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 

(Starts 08/31/2020, Ends 10/25/2020)

**MGMT 013- Small Business Entrepreneurship (CSU) - 3 Units**

This course provides a systematic approach to developing and operating a successful small business. The areas of study include: personal qualifications for starting and managing a small business, determining the market opportunity, legal procedures, planning and marketing the business, location factors, capital requirements, protective factors to provide for risk, and personnel management. Students gain experience through the development of a business plan.
Marketing

MARKET 001- Principles Of Selling (CSU) - 3 Units
This course covers the basic principles of selling including wholesale and specialty goods. Topics include the development of the fundamental principles of wholesale and specialty selling, including the development of the sales plan, securing customers, effective goods and service presentation, product analysis, handling objections, closing the sale, follow-up and service after the sale, and the skills needed for successful sales work.

MARKET 011- Fundamentals Of Advertising (CSU) - 3 Units
This course introduces students to the role of advertising in our economy. It gives a comprehensive overview of the planning and managing of advertising. The course also covers how the major forms of social media, such as television, radio, newspapers, magazines, and the Internet are integrated into the advertising campaign.

MARKET 021- Principles Of Marketing (CSU) - 3 Units
This introductory marketing survey course presents basic information including: the marketing environment and the roles of market research, advertising, public relations, product, place (distribution), promotion and pricing decisions in the marketing process. It covers customer motivation, distribution channels, social marketing, and ethics in marketing. Additional topics are sales forecasting, decision making relative to product development and management, trademarks, domestic and international markets, personal selling, and additional factors that impact marketing.

MARKET 040- Retail Management (CSU) - 3 Units
This course provides a systematic approach to the principles and procedures of retailing, including a study of
store location, store layout, store organization, buying, pricing, stock planning, and the retail communication mix.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
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<td>Wilson-Aus, A M</td>
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</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

Mathematics

**MATH 125- Intermediate Algebra - 5 Units**

**Enrollment Requirement:** Prerequisite: MATH 114 or MATH 115 or Placement in M7 or M10

Math 125 strengthens and further develops manipulative skills in elementary algebra. Topics include the fundamental operations on algebraic expressions, solutions of equations and inequalities, exponentiation, graphs of algebraic, exponential and logarithmic functions, systems of equations and inequalities, and an introduction to the conic sections. Applications are included in a wide variety of word problems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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</thead>
<tbody>
<tr>
<td>22257</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Ravanbaksh, H</td>
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<tr>
<td>22260</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Jung, D</td>
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</tr>
<tr>
<td>22256</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Bakman, A A</td>
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</tr>
<tr>
<td>17556</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Bakman, A A</td>
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</tr>
<tr>
<td>23491</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Avila, L F</td>
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</tr>
<tr>
<td>19316</td>
<td>LEC</td>
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<td>MWF</td>
<td>Webster, K</td>
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</tr>
<tr>
<td>22840</td>
<td>LEC</td>
<td>3:10 pm - 5:40 pm</td>
<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
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<th>Room</th>
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<tbody>
<tr>
<td>22841</td>
<td>LEC</td>
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</tr>
<tr>
<td>22255</td>
<td>LEC</td>
<td>6:00 pm - 8:35 pm</td>
<td>TTh</td>
<td>Dagher, G N</td>
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</tr>
<tr>
<td>16750</td>
<td>LEC</td>
<td>6:00 pm - 8:35 pm</td>
<td>TTh</td>
<td>Kumada, R</td>
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</tr>
<tr>
<td>23654</td>
<td>LEC</td>
<td>5:20 hrs/wk</td>
<td>TBA</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22352</td>
<td>LEC</td>
<td>8:35 am - 9:50 am</td>
<td>MWF</td>
<td>Hersi, A F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22353</td>
<td>LAB</td>
<td>10:20 am - 12:25 pm</td>
<td>F</td>
<td>Hersi, A F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22359</td>
<td>LEC</td>
<td>10:10 am - 11:25 am</td>
<td>MWTh</td>
<td>Liu, H</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22360</td>
<td>LAB</td>
<td>11:25 am - 1:30 pm</td>
<td>T</td>
<td>Liu, H</td>
<td>ON LINE</td>
</tr>
<tr>
<td>23414</td>
<td>LEC</td>
<td>10:10 am - 11:25 am</td>
<td>MTW</td>
<td>Simpson-Rodgers, N</td>
<td>ON LINE</td>
</tr>
<tr>
<td>23415</td>
<td>LAB</td>
<td>10:10 am - 12:15 pm</td>
<td>Th</td>
<td>Simpson-Rodgers, N</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

### MATH 125S - Intermediate Algebra With Support - 5 Units

**Enrollment Requirement:** Advisory: MATH 115

This course includes a mandatory lab component to review topics from prealgebra and elementary algebra. This course strengthens and further develops manipulative skills in elementary algebra. Topics include the fundamental operations on algebraic expressions, solutions of equations and inequalities, exponentiation, graphs of algebraic, exponential and logarithmic functions, systems of equations and inequalities, and an introduction to the conic sections. Applications are included in a wide variety of word problems.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>22352</td>
<td>LEC</td>
<td>8:35 am - 9:50 am</td>
<td>MWF</td>
<td>Hersi, A F</td>
<td>ON LINE</td>
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<tr>
<td>22353</td>
<td>LAB</td>
<td>10:20 am - 12:25 pm</td>
<td>F</td>
<td>Hersi, A F</td>
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<tr>
<td>22359</td>
<td>LEC</td>
<td>10:10 am - 11:25 am</td>
<td>MWTh</td>
<td>Liu, H</td>
<td>ON LINE</td>
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<tr>
<td>22360</td>
<td>LAB</td>
<td>11:25 am - 1:30 pm</td>
<td>T</td>
<td>Liu, H</td>
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<tr>
<td>23414</td>
<td>LEC</td>
<td>10:10 am - 11:25 am</td>
<td>MTW</td>
<td>Simpson-Rodgers, N</td>
<td>ON LINE</td>
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<td>AND</td>
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</tr>
<tr>
<td>23415</td>
<td>LAB</td>
<td>10:10 am - 12:15 pm</td>
<td>Th</td>
<td>Simpson-Rodgers, N</td>
<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

As of Date 07/20/2020
<table>
<thead>
<tr>
<th>Class No</th>
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<tr>
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<td>LEC</td>
<td>11:45 am - 1:00 pm</td>
<td>MWF</td>
<td>Liu, H</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22295</td>
<td>LAB</td>
<td>1:00 pm - 3:05 pm</td>
<td>Th</td>
<td>Liu, H</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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</tr>
<tr>
<td>22264</td>
<td>LEC</td>
<td>3:00 pm - 4:15 pm</td>
<td>TThF</td>
<td>Loop, C B</td>
<td>ON LINE</td>
</tr>
<tr>
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<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22265</td>
<td>LAB</td>
<td>4:15 pm - 6:20 pm</td>
<td>F</td>
<td>Loop, C B</td>
<td>ON LINE</td>
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<tr>
<td></td>
<td></td>
<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22354</td>
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<td>6:00 pm - 7:15 pm</td>
<td>MTW</td>
<td>Barrow, O L</td>
<td>ON LINE</td>
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<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22355</td>
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<td>7:15 pm - 9:20 pm</td>
<td>W</td>
<td>STAFF, L</td>
<td>ON LINE</td>
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<tr>
<td></td>
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<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22356</td>
<td>LEC</td>
<td>6:00 pm - 7:15 pm</td>
<td>TWTh</td>
<td>Bayssa, B T</td>
<td>ON LINE</td>
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<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>22357</td>
<td>LAB</td>
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<td>W</td>
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<td></td>
<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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</tbody>
</table>

**MATH 137- Pre-Statistics Algebra - 5 Units**

**Enrollment Requirement:** Advisory: MATH 110 or 112

Math 137 is a prerequisite solely for Math 227. It is an introduction to the concepts of algebra and basic elements of exploratory data analysis. Topics include arithmetic operations with signed numbers, properties of real numbers, algebraic expressions, solving linear equations and inequalities, graphing linear equations and inequalities in two variables, solving systems of linear equations and inequalities, exponents, polynomials, factoring, rational expressions, roots, radicals, methods of solving quadratic equations, solving a variety of word problems, data analysis, sample statistics and graphs, measures of central tendency and spread, probability, and exponential and logarithmic functions.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>21842</td>
<td>LEC</td>
<td>8:25 am - 9:35 am</td>
<td>MTWTh</td>
<td>Lopez, A E</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Due to COVID 19 pandemic,</strong> this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. <strong>AND</strong></td>
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<tr>
<td>Class No</td>
<td>Component</td>
<td>Start/End Time</td>
<td>Days</td>
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<tr>
<td>22268</td>
<td>LEC</td>
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<td>MTWTh</td>
<td>Kunarak, S</td>
<td>ON LINE</td>
</tr>
<tr>
<td>20829</td>
<td>LEC</td>
<td>10:10 am - 11:20 am</td>
<td>MTWTh</td>
<td>Dominguez, C C</td>
<td>ON LINE</td>
</tr>
<tr>
<td>26449</td>
<td>LEC</td>
<td>11:45 am - 12:55 pm</td>
<td>MTWTh</td>
<td>Lopez, A E</td>
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<tr>
<td>26450</td>
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<td>MTWTh</td>
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<tr>
<td>21843</td>
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<td>1:20 pm - 4:00 pm</td>
<td>TTh</td>
<td>Ovanessian, A</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22262</td>
<td>LEC</td>
<td>3:00 pm - 5:30 pm</td>
<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22261</td>
<td>LEC</td>
<td>6:00 pm - 8:35 pm</td>
<td>MW</td>
<td>Saikaly, M D</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

### MATH 215- Principles Of Mathematics I (UC/CSU) - 3 Units

**Requirement Designation:** Meets CSU B4  
**Enrollment Requirement:** Prerequisite: MATH 125 or Placement in M1 or M2 or M5 or M6 or M9  
Math 215 is intended for those who plan to teach mathematics in elementary schools. The course covers the language of sets, elementary logic, systems of numeration, numbers, fundamental operations, functions, integers, rational numbers, real numbers, and algorithms used in calculations.  
21861  LEC  10:10 am - 11:35 am  TTh  STAFF, L  ON LINE

### MATH 227- Statistics (UC/CSU) - 4 Units

**Requirement Designation:** Meets IGETC 2A CSU B4  
**Enrollment Requirement:** Prerequisite: MATH 125 OR MATH 125S OR MATH 137 OR Placement in M1, M2, M5, M6, M9  
Math 227 is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics, sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and
student t-distributions, linear correlation, and regression analysis are also presented as topics.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tr>
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<td>TTh</td>
<td>Maheta-Wells, P</td>
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<tr>
<td>21853</td>
<td>LEC</td>
<td>11:45 am - 1:55 pm</td>
<td>MTWTh</td>
<td>Kim, A Y</td>
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</tr>
<tr>
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<td>MW</td>
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</tr>
<tr>
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<td>1:20 pm - 3:25 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>22845</td>
<td>LEC</td>
<td>3:20 pm - 5:25 pm</td>
<td>MW</td>
<td>Dominguez, C C</td>
<td>ON LINE</td>
</tr>
<tr>
<td>21863</td>
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<td>3:30 pm - 5:35 pm</td>
<td>TTh</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
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<td>LEC</td>
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<td>TTh</td>
<td>Bedassa, A M</td>
<td>ON LINE</td>
</tr>
<tr>
<td>17006</td>
<td>LEC</td>
<td>6:00 pm - 8:05 pm</td>
<td>TTh</td>
<td>Jahani, F</td>
<td>ON LINE</td>
</tr>
<tr>
<td>20840</td>
<td>LEC</td>
<td>6:00 pm - 8:05 pm</td>
<td>MW</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>21912</td>
<td>LEC</td>
<td>6:00 pm - 8:05 pm</td>
<td>MW</td>
<td>Fong, P</td>
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<tr>
<td>22847</td>
<td>LEC</td>
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<td>TBA</td>
<td>Cuellar, M</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>
MATH 227S- Statistics with Support (UC/CSU) - 4 Units

*Requirement Designation:* Meets IGETC 2A CSU B4

*Enrollment Requirement:* Prerequisite: MATH 125 or MATH 125S or MATH 132 or placement in M1, M2, M5, M6, or M9

This course is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics including sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and student t-distributions, linear correlation, and regression analysis are also presented as topics.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20842</td>
<td>LEC</td>
<td>8:35 am - 9:50 am</td>
<td>MTW</td>
<td>Liu, H</td>
<td>ON LINE</td>
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<tr>
<td>AND</td>
<td>20852</td>
<td>LAB 10:00 am - 11:05 am</td>
<td>T</td>
<td>Liu, H</td>
<td>ON LINE</td>
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<tr>
<td>AND</td>
<td>22269</td>
<td>LEC 10:10 am - 11:25 am</td>
<td>MTTh</td>
<td>Kunarak, S</td>
<td>ON LINE</td>
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<tr>
<td>AND</td>
<td>22266</td>
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<td>TWTh</td>
<td>Maheta-Wells, P</td>
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<tr>
<td>AND</td>
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<td>Th</td>
<td>Maheta-Wells, P</td>
<td>ON LINE</td>
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<td>AND</td>
<td>20846</td>
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<td>MWF</td>
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As of Date 07/20/2020
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<td>MTWTh</td>
<td>Avila, L F</td>
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<td>MW</td>
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</table>
MATH 245- College Algebra (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 125 or Placement in M1 or M2.

This college algebra course includes the theory of equations, polynomial and rational functions and their graphs, systems of equations, matrices, determinants, permutations, combinations, sequences and series, the Binomial Theorem, and other topics.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MATH 260- Precalculus (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 240 or Placement in M1 or M2

This course combines college algebra, trigonometry, and introduction to analytic-geometry. Topics in algebra include polynomial, rational, exponential and logarithmic functions; mathematical induction, systems of equations, matrices, partial fractions, and sequences. Topics in trigonometry include basic trigonometric functions; inverse trigonometry; and trigonometric equations and identities.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

MATH 265- Calculus With Analytic Geometry I (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 260 AND MATH 241 OR MATH 241S OR MATH 260S

Math 265 is the first course in a three-semester, unified treatment of differential and integral calculus of a single variable including functions; limits and continuity; techniques and applications of differentiation and integration; rates of change; maxima and minima; Mean Value Theorem; approximations; antiderivatives; definite integrals; Fundamental Theorem of Calculus. Primarily for Science, Technology, Engineering & Math Majors.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MATH 266- Calculus with Analytic Geometry II (UC/CSU) - 5 Units**

*Requirement Designation: Meets IGETC 2A CSU B4*

*Enrollment Requirement: Prerequisite: MATH 265*

Math 266 is the second course in a three-semester, unified treatment of differential and integral calculus of a single variable including integration; techniques of integration; derivatives and integrals of inverse trigonometric; logarithmic; exponential and hyperbolic functions; improper integrals; numerical methods; infinite sequences and series; polar and parametric equations; conic sections; Taylor formulas; indeterminate forms; power series; and applications of integration. Primarily for Science, Technology, Engineering & Math Majors.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MATH 267- Calculus with Analytic Geometry III (UC/CSU) - 5 Units**

*Requirement Designation: Meets IGETC 2A CSU B4*

*Enrollment Requirement: Prerequisite: MATH 266*

Math 267 is the third course in a three-semester, unified treatment of calculus including vector valued functions, calculus of functions of more than one variable, partial derivatives, multiple integration, Green's Theorem, Stokes' Theorem, divergence theorem, quadric surfaces, vector and parametric equations in two and three space, curvature, cylindrical and spherical coordinates, gradient, maxima and minima for functions of several variables, surface integrals, and line integrals.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**MATH 270- Linear Algebra (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 2A CSU B4*

*Enrollment Requirement: Prerequisite: MATH 266*

Math 270 develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, linear transformations, and diagonalization. Selected applications of linear algebra are included.
**MATH 275- Ordinary Differential Equations (UC/CSU) - 3 Units**  
*Requirement Designation:* Meets IGETC 2A CSU B4  
*Enrollment Requirement:* Prerequisite: MATH 266

Math 275 provides the student with a basic understanding of the theory and content of ordinary differential equations. Various methods of solving these equations, especially first and second order, are emphasized as are solutions to physical applications problems. Other topics covered include existence and uniqueness theorems, systems of linear differential equations, numerical and graphical methods using computers, and the Laplace transform.

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**Microbiology**  
**MICRO 020- General Microbiology (UC/CSU) - 4 Units**  
*Requirement Designation:* Meets IGETC 5B 5C CSU B2 B3  
*Enrollment Requirement:* Prerequisite: CHEM 051 OR CHEM 101 and BIO 003 or BIO 005 or BIO 006 or ANATOMY 001

This course examines microbiological principles related to the morphology, metabolism and genetics of bacteria and distinguishing characteristics of viruses, protozoa, fungi, and multicellular parasites, with applications to human disease and immunology. The labs include microscopy, aseptic technique in the handling of bacteria, and isolation, cultivation, staining, identification, and control of bacterial populations. It is intended principally for allied health majors with 3 hours of lab each week.
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<tr>
<td>164</td>
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**Microcomputer Technician**

**MICROTK 078- Cisco Networking Academy-Semester II - 3 Units**
This is the second course in a four course sequence that qualifies the student to take the CISCO CCNA Certification Test; and covers router fundamentals, beginning router setup and configuration, routed and routing protocols, WAN fundamentals, network troubleshooting and network management.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Microcomputer Technician**

**MICROTK 160- It Essentials Application Software Fundamentals (CSU) - 2 Units**
Instruction and demonstrations are provided on the application, set-up, configuration and operation of a wide range of computer programs.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Microcomputer Technician**

**MICROTK 162- It Essentials Networking Personal Computers - 4 Units**
The course will assist students in designing, selecting, configuring and installing local area networks. System administration and troubleshooting is also covered in detail.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Microcomputer Technician**

**MICROTK 164- It Essentials Microcomputer Theory And Servicing - 5 Units**
The course provides servicing techniques for microcomputers and their related peripherals. Hands-on instruction is provided in diagnosing a range of microcomputers malfunctions.
## MICROTK 166- Ccna Security - 3 Units

This course provides knowledge and skills to administer network devices and applications in a security infrastructure, recognize network vulnerabilities, and detect security threat. This course offers an overview of security challenges and solutions, and installing, monitoring, and troubleshooting Cisco security solutions to secure a network.

### Motorcycle Repair Mechanic

**MCYCMEEK 214- Motorcycle Electrical Principles And Repair (CSU) - 4 Units**

Course offers instruction in the area of motorcycle electrical systems.

**MCYCMEEK 216- Motorcycle Engine Overhaul And Diagnosis (CSU) - 4 Units**

Instruction is offered in the areas of motorcycle engine overhaul. Upon completion the student will learn the principles of motorcycle engine overhaul, learn the related sciences such as physics and mathematics applied to the topic, and will be able to disassemble, inspect, diagnose and reassemble motorcycle engines.

### Music

**MUSIC 101- Fundamentals Of Music (UC/CSU) - 3 Units**

Requirement Designation: Meets IGETC 3A CSU C1

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### Table of Classes

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<td>Lampano, R S</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>17339</th>
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<th>Lampano, R S</th>
<th>ON LINE</th>
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<tbody>
<tr>
<td>And</td>
<td>LAB</td>
<td>10:20 am - 1:30 pm</td>
<td>Th</td>
<td>Chavez, E L</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

| 20541 | LEC | 7:30 am - 9:35 am | Sa  | Baik, S J    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

| 20542 | LAB | 9:45 am - 12:55 pm | Sa  | Baik, S J    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
This course is designed for the general student and covers the fundamentals of music, including notation, meters and rhythm, scales and key signatures, intervals, triads, and musical symbols and terminology.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10640 LEC 3:10 hrs/wk TBA Wachs, M B ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Nursing, Registered

REGNRSG 126- Medical-Surgical Nursing I (CSU) - 5 Units

Enrollment Requirement: Prerequisite: REGNRSG 122 and REGNRSG 134
Corequisite: REGNRSG 129 and REGNRSG 130

This basic course focuses on the nursing care of the adult client with moderate stress posed by common endocrine, gastrointestinal, cardiac and respiratory disorders. The student will function as a member of the health care team and beginning leadership skills will be presented. Emphasis will be placed on classroom and clinical application of critical thinking and therapeutic nursing interventions in acute, chronic and community health care settings.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

AND

11749 LAB 6:00 am - 7:15 pm T Jenkinson, D A H OSP

As of Date 07/20/2020
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 08/31/2020, Ends 10/25/2020)

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(Starts 08/31/2020, Ends 10/25/2020)

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<td>Barcroft, T M</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 10/26/2020, Ends 12/20/2020)

AND

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<td>6:00 am - 9:10 pm</td>
<td>M</td>
<td>Barcroft, T M</td>
<td>H OSP</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 10/26/2020, Ends 12/20/2020)

REGNRSG 127- Medical-Surgical Nursing II (CSU) - 5 Units

Enrollment Requirement: Prerequisites: REGNRSG 126 and REGNRSG 129 and REGNRSG 130 and REGNRSG 136  
Corequisite: REGNRSG 131

This intermediate level medical/surgical nursing course focuses on nursing care of adult clients with high acuity problems within hospital and community settings. Students will use nursing process and Maslow's Hierarchy of needs to plan and implement nursing care. The course builds on the theory and skills presented in RN 126. Leadership role will be expanded.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>11829</td>
<td>LEC</td>
<td>5:00 pm - 8:20 pm</td>
<td>MT</td>
<td>Williams, E J</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 08/31/2020, Ends 10/25/2020)

AND

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>11835</td>
<td>LAB</td>
<td>6:00 am - 6:50 pm</td>
<td>Th</td>
<td>Mesesan, L B</td>
<td>H OSP</td>
</tr>
</tbody>
</table>
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

11846 LEC 4:00 pm - 10:30 pm  T  Williams, E J  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

AND

11858 LAB 6:00 am - 8:35 pm  F  Lee, J  H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

11873 LEC 4:00 pm - 10:30 pm  T  Williams, E J  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

AND

11885 LAB 6:00 am - 8:35 pm  Th  Mesesan, L B  H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

11900 LEC 5:00 pm - 8:20 pm  MT  Williams, E J  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

AND

11914 LAB 6:00 am - 6:50 pm  F  Lee, J  H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

REGNRSG 128- Medical-Surgical Nursing III (CSU) - 3 Units

Enrollment Requirement:  Prerequisites: REGNRSG 127 and REGNRSG 131 and REGNRSG 134
Corequisites: REGNSRG 132 and REGNRSG 133

This course focuses on the nursing care of medical-surgical clients in a variety of setting. Emphasis will be on classroom and clinical application of critical thinking and caring interventions in chronic, acute, critical care and community health care settings.

11926 LEC 9:00 am - 12:15 pm  W  Ashby, C M  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 08/31/2020, Ends 10/25/2020)

AND

11933 LAB 7:00 am - 6:30 pm  M  Agum, B T  H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current
### REGNRSRG 129- Gerontology & Community Based Nursing (CSU) - 2 Units

**Enrollment Requirement:**

- **Prerequisites:** REGNRSRG 122 and REGNRSRG 123 and REGNRSRG 125 and REGNRSRG 134
- **Corequisites:** REGNRSRG 130 and REGNRSRG 136

This course focuses on nursing care of the older adult client with common health and illness needs. Emphasis will be on classroom and clinical application of critical thinking and caring therapeutic nursing interventions in acute, chronic and community health care settings for the older adult population.

### Class Schedule

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

**AND**

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</tbody>
</table>

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<th>Days</th>
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<td>Ashby, C M</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

**AND**

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<td>18200</td>
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<td>M</td>
<td>Forsha, C</td>
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</table>

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(Starts 08/31/2020, Ends 10/25/2020)

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<th>Instructor</th>
<th>Room</th>
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<tr>
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<td>LEC</td>
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<td>T</td>
<td>Forsha, C</td>
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</table>

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(Starts 08/31/2020, Ends 10/25/2020)

**AND**

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<tr>
<td>11997</td>
<td>LAB</td>
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<td>Dudley, M A</td>
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</table>

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(Starts 08/31/2020, Ends 10/25/2020)

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<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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</thead>
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<td>Forsha, C</td>
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(Starts 10/26/2020, Ends 12/20/2020)

**AND**

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<td>Dudley, M A</td>
<td>H OSP</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
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<th>Class No</th>
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<th>Instructor</th>
<th>Room</th>
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<tbody>
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<td>Forsha, C</td>
<td>ON LINE</td>
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<tr>
<td>11977</td>
<td>LAB</td>
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<td>Speach, T S</td>
<td>H OSP</td>
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<tr>
<td>12013</td>
<td>LEC</td>
<td>2:00 pm - 4:05 pm</td>
<td>T</td>
<td>Forsha, C</td>
<td>ON LINE</td>
</tr>
<tr>
<td>12028</td>
<td>LAB</td>
<td>2:30 pm - 9:00 pm</td>
<td>F</td>
<td>Speach, T S</td>
<td>H OSP</td>
</tr>
<tr>
<td>12072</td>
<td>LEC</td>
<td>9:00 am - 12:15 pm</td>
<td>W</td>
<td>Brown, S J</td>
<td>ON LINE</td>
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<tr>
<td>12081</td>
<td>LAB</td>
<td>6:00 am - 12:45 pm</td>
<td>T</td>
<td>Brown, S J</td>
<td>H OSP</td>
</tr>
<tr>
<td></td>
<td>LAB</td>
<td>3:25 hrs/wk</td>
<td>TBA</td>
<td>Brown, S J</td>
<td>H OSP</td>
</tr>
<tr>
<td>12108</td>
<td>LEC</td>
<td>9:00 am - 12:15 pm</td>
<td>W</td>
<td>Brown, S J</td>
<td>ON LINE</td>
</tr>
<tr>
<td>12119</td>
<td>LAB</td>
<td>6:00 am - 12:45 pm</td>
<td>T</td>
<td>Brown, S J</td>
<td>H OSP</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

REGNRSG 130- Psychiatric-Mental Health Nursing (CSU) - 3 Units

**Enrollment Requirement:**

Prerequisites: REGNRSG 121 and REGNRSG 122 and REGNRSG 134

Corequisites: REGNRSG 126 and REGNRSG 129

This course focuses on nursing care of clients with common psychiatric mental health needs/disorders across the lifespan. Students will apply the nursing process, critical thinking, psychosocial theory and Maslow’s Hierarchy of Needs to care of clients in acute, chronic and community-based psychiatric-mental health settings.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)
REGNRSG 131 - Reproductive Nursing And Women's Health (CSU) - 3.5 Units

**Enrollment Requirement:**

- Prerequisites: REGNRSG 126 and REGNRSG 129 and REGNRSG 130 and REGNRSG 136
- Corequisite: REGNRSG 127

This course focuses on the nurse as a provider of care, manager of care and a member of the profession in a variety of maternal/newborn and women's health settings.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
</thead>
<tbody>
<tr>
<td>12164</td>
<td>LEC</td>
<td>8:00 am - 12:50 pm</td>
<td>Th</td>
<td>Hyacinth, O</td>
<td>ON LINE</td>
</tr>
<tr>
<td>12170</td>
<td>LAB</td>
<td>6:00 am - 5:15 pm</td>
<td>Su</td>
<td></td>
<td>H OSP</td>
</tr>
<tr>
<td>12178</td>
<td>LEC</td>
<td>8:00 am - 12:50 pm</td>
<td>Th</td>
<td>Hyacinth, O</td>
<td>ON LINE</td>
</tr>
<tr>
<td>12184</td>
<td>LAB</td>
<td>6:00 am - 5:20 pm</td>
<td>M</td>
<td>Hyacinth, O</td>
<td>H OSP</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>12193</td>
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<td>Th</td>
<td>Hyacinth, O</td>
<td>ON LINE</td>
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<tr>
<td>12207</td>
<td>LAB</td>
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<td>H OSP</td>
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<td>12221</td>
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<td>Th</td>
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<td>ON LINE</td>
</tr>
<tr>
<td>12238</td>
<td>LAB</td>
<td>6:00 am - 4:20 pm</td>
<td>M</td>
<td>Hyacinth, O</td>
<td>H OSP</td>
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<tr>
<td>23037</td>
<td>LEC</td>
<td>7:00 am - 11:15 am</td>
<td>T</td>
<td>STAFF, L</td>
<td>ON LINE</td>
</tr>
<tr>
<td>23038</td>
<td>LAB</td>
<td>7:00 am - 5:30 pm</td>
<td>Th</td>
<td>STAFF, L</td>
<td>H OSP</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

#### REGNRSG 132- Care Of Children And Family (CSU) - 3.5 Units

**Enrollment Requirement:** Prerequisites: REGNRSG 127 and REGNRSG 131 and REGNRSG 137

Corequisites: REGNRSG 128 and REGNRSG 132

This course focuses on the nurse as a provider of care, manager of care and member of the profession in a variety of settings involving children and families. Course content includes physiological, psychological, developmental and socio-cultural needs of children and families. Course content in Pediatric Nursing will be presented within the framework of the wellness/illness continuum of the client and family from birth through adolescence.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>18171</td>
<td>LEC</td>
<td>8:00 am - 12:10 pm</td>
<td>Th</td>
<td>Villora, R C</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**As of Date 07/20/2020**
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

12251 LAB 7:00 am - 5:20 pm T Villora, R C H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

18201 LEC 8:00 am - 12:10 pm Th Villora, R C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

AND

18202 LAB 7:00 am - 5:15 pm F Villora, R C H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

12268 LEC 8:00 am - 12:10 pm Th Villora, R C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

AND

12284 LAB 7:00 am - 6:20 pm M Villora, R C H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 08/31/2020, Ends 10/25/2020)

REGNRSG 133- Nursing Leadership & Management (CSU) - 3 Units

Enrollment Requirement: Prerequisites: REGNRSG 127 and REGNRSG 131
Corequisites: REGNRSG 128 and REGNRSG 132

This course focuses on the transitioning role of the graduating Associate Degree nurse as a provider of care, manager of care and member of the profession. Concepts and issues to be examined include effective leadership styles, advanced therapeutic communication, delegation, conflict resolution, time management, nursing ethics and professional issues. Clinical experience is in the form of a preceptorship.

12293 LEC 8:00 am - 9:05 am W Ashby, C M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)

AND

12296 LAB 16:25 hrs/wk TBA Ashby, C M H OSP

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)
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<td>Ashby, C M</td>
<td>ON LINE</td>
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<td>12314</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)</td>
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<tr>
<td>12339</td>
<td>LAB</td>
<td>16:25 hrs/wk</td>
<td>TBA</td>
<td>Villora, R C</td>
<td>H OSP</td>
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<tr>
<td>12382</td>
<td>LAB</td>
<td>3:15 hrs/wk</td>
<td>TBA</td>
<td>Barcroft, T M</td>
<td>ON LINE</td>
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<td>12391</td>
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<td>3:15 hrs/wk</td>
<td>TBA</td>
<td>Barcroft, T M</td>
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**REGNRSG 136- Nursing Simulation Lab Intermediate - 1 Unit**

**Enrollment Requirement:** Prerequisite: REGNRSG 134
Corequisites: REGNRSG 126 and REGNRSG 129 and REGNRSG 130

This course is designed to allow students to practice intermediate nursing skills in a structured setting. It will make use of complex patient care scenarios in which evidence based practice will be emphasized. It must be taken in semester 2. The class will be individualized to meet students needs.

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<tr>
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<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>12382</td>
<td>LAB</td>
<td>3:15 hrs/wk</td>
<td>TBA</td>
<td>Barcroft, T M</td>
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<tr>
<td>12391</td>
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<td>3:15 hrs/wk</td>
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<td>Barcroft, T M</td>
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</table>

**REGNRSG 137- Nursing Simulation Lab Advanced - 1 Unit**

**Enrollment Requirement:** Prerequisite: REGNRSG 136
Corequisite: REGNRSG 127 and REGNRSG 131
This course is designed to allow students to practice advanced nursing skills in a structured setting. It will make use of patient care scenarios in which evidence based practice will be emphasized. It must be taken in semester 3. The class will be individualized to meet students needs but will focus on administration of care to patient's with complex nursing problems.

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<td>LAB</td>
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<td>TBA</td>
<td>Kendrick, M D</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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<td>Kendrick, M D</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**REGNRSG 170A- Fundamentals of Nursing I (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: REGNRSG 169

This course provides an introduction to the knowledge and skills needed to provide safe, quality care for adult and older adult patients. The theoretical foundation for basic nursing skills related to assessment, comfort, nutrition, elimination, infection control, mobility, hygiene, and body mechanics is presented. The student is given an opportunity to demonstrate these concepts and skills in laboratory and clinical settings. An introduction to the nursing process provides a decision-making framework to assist students in developing effective clinical judgment skills.

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<tbody>
<tr>
<td>28038</td>
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<td>Th</td>
<td>Ashby, C M</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<tbody>
<tr>
<td>28039</td>
<td>LAB</td>
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<td>M</td>
<td>Kibe, V</td>
<td>ON LINE</td>
</tr>
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<tbody>
<tr>
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<td>STAFF, L</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<tr>
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<td>Ashby, C M</td>
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<tbody>
<tr>
<td>28043</td>
<td>LAB</td>
<td>6:00 am - 6:50 pm</td>
<td>T</td>
<td>Ashby, C M</td>
<td>ON LINE</td>
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<th>Class No</th>
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<th>Start/End Time</th>
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<td>Ashby, C M</td>
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<tr>
<td>28045</td>
<td>LAB</td>
<td>6:00 am - 6:50 pm</td>
<td>W</td>
<td>Forsha, C</td>
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<tr>
<td>27900</td>
<td>LEC</td>
<td>8:00 am - 10:20 am</td>
<td>Th</td>
<td>Ashby, C M</td>
<td>ON LINE</td>
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<tr>
<td>27901</td>
<td>LAB</td>
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<td>T</td>
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<tr>
<td>27902</td>
<td>LEC</td>
<td>8:00 am - 10:20 am</td>
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<td>Ashby, C M</td>
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<tr>
<td>27903</td>
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<td>28046</td>
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<tr>
<td>28047</td>
<td>LAB</td>
<td>6:00 am - 6:50 pm</td>
<td>M</td>
<td>Kibe, V</td>
<td>ON LINE</td>
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(Starts 08/31/2020, Ends 10/25/2020)

**REGNRS 170B- Fundamentals of Nursing II (CSU) - 3 Units**

**Enrollment Requirement:** Prerequisite: REGNRS 170A

This course provides foundation to the roles of a nurse within healthcare systems, as well as profession related and patient care concepts. Emphasis is placed on the knowledge and skills needed for the provision of care for adult and older adult patients with common/uncomplicated alterations in health. The theoretical foundation for concepts related to the physiological basis for nursing practice, pharmacology and medication administration is also presented. The student is given an opportunity to demonstrate these concepts and skills in laboratory and clinical settings.

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)
Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. (Starts 10/26/2020, Ends 12/20/2020)  

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<td>LEC</td>
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<td>Ashby, C M</td>
<td>ON LINE</td>
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<tr>
<td>28049</td>
<td>LAB</td>
<td>6:00 am - 6:50 pm</td>
<td>M</td>
<td>Agum, B T</td>
<td>ON LINE</td>
</tr>
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</table>

**REGNRS 171- Nursing Simulation Lab, Basic (CSU) - 1 Unit**  
**Enrollment Requirement:** Prerequisite: REGNRS 169  
This course is designed to allow students to practice and/or remediate basic nursing skills in a structured setting. The course will emphasize hands on skills, evidence-based practice and application of the nursing process in a simulated patient care setting. Students will work in the context of patient care scenarios that will be geared toward the level 1 objectives. In addition, the class will be individualized to meet students' needs.

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<td>27999</td>
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<tr>
<td>28001</td>
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<td>TBA</td>
<td>Kendrick, M D</td>
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<tr>
<td>28002</td>
<td>LAB</td>
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**Paralegal**  
**PALEGAL 010- Introduction To Law And Legal Profession (CSU) - 3 Units**  
Introduction To Law And Legal Profession

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<th>Start/End Time</th>
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<tr>
<td>23743</td>
<td>LEC</td>
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<td>TTh</td>
<td>Gary, K L</td>
<td>ON LINE</td>
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**PALEGAL 012- Tort Law - 3 Units**  
Tort Law

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<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>20799</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Gary, K L</td>
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Philosophy

PHILOS 001- Introduction To Philosophy (UC/CSU) - 3 Units

*Requirement Designation:* **Meets IGETC 3B CSU C2**
Introduction To Philosophy

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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<tr>
<td>14290</td>
<td>LEC</td>
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<td>T</td>
<td>Egan, R J</td>
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</tr>
<tr>
<td>14302</td>
<td>LEC</td>
<td>6:00 pm - 9:10 pm</td>
<td>Th</td>
<td>Egan, R J</td>
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</tr>
<tr>
<td>14284</td>
<td>LEC</td>
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<tr>
<td>14288</td>
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Philosophy

PHILOS 008- Deductive Logic (UC/CSU) - 3 Units

*Requirement Designation:* **Meets CSU A3**
Deductive Logic

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Physics

PHYSICS 006- General Physics I (UC/CSU) - 4 Units

*Requirement Designation:* **Meets IGETC 5A 5C CSU B1 B3**

*Enrollment Requirement:* Prerequisite: MATH 240

This is the first course of a two semester sequence and considers the fundamental principles and applications of classical mechanics, gravitation, thermodynamics, fluids, periodic motion and waves at the algebra/trigonometry level of mathematical sophistication. The laboratory includes both quantitative and qualitative experiments which permit students to verify, illustrate, and deduce various laws of physics.

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<th>Start/End Time</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>12717</td>
<td>LEC</td>
<td>1:00 pm - 4:10 pm</td>
<td>F</td>
<td>De, R</td>
<td>ON LINE</td>
</tr>
<tr>
<td>AND</td>
<td>12719 LAB</td>
<td>6:30 pm - 9:40 pm</td>
<td>W</td>
<td>Khan, M</td>
<td>ON LINE</td>
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<td>Shields, V B</td>
<td>ON LINE</td>
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<tr>
<td>13056</td>
<td>LAB</td>
<td>11:20 am - 2:30 pm</td>
<td>F</td>
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<td>13089</td>
<td>LEC</td>
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<td>Sa</td>
<td>De, R</td>
<td>ON LINE</td>
</tr>
<tr>
<td>13097</td>
<td>LAB</td>
<td>12:00 pm - 3:10 pm</td>
<td>Sa</td>
<td>De, R</td>
<td>ON LINE</td>
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<tr>
<td>20836</td>
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<tr>
<td>20837</td>
<td>LAB</td>
<td>7:00 am - 10:05 am</td>
<td>W</td>
<td>Whiting, R F</td>
<td>ON LINE</td>
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</table>

**PHYSICS 011- Introductory Physics (UC/CSU) - 4 Units**

*Requirement Designation: Meets IGETC 5A 5C CSU B1 B3*

This is an introductory course that covers the wide range of topics included in a basic physics course such as kinematics of one- and two-dimensional motion, circular motion, Newton's laws, work and energy, thermodynamics, wave motion, oscillation, optics, electricity and magnetism, and nuclear and atomic Physics. Students analyze conceptual questions as well as solve quantitative problems using Algebra.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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**PHYSICS 012- Physics Fundamentals (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5A CSU B1*

**Enrollment Requirement:** Corequisite: CHEM T 111 or MATH 113 or MATH 115

This course provides a survey of physics including laws of motion, properties of matter, heat, sound, electricity and magnetism, light, atomic and nuclear physics, and relativity. There will be given a historic perspective and applications in today's culture.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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**PHYSICS 101- Physics For Engineers And Scientists I (UC/CSU) - 5 Units**

*Requirement Designation: Meets IGETC 5A 5C CSU B1 B3*

**Enrollment Requirement:** Corequisite: MATH 265

**Advisory:** PHYSICS 011 or 012

Physics For Engineers And Scientists I
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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>19307</td>
<td>LEC</td>
<td>10:10 am - 11:35 am</td>
<td>MW</td>
<td>Klee, V</td>
<td>ON LINE</td>
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<tr>
<td>19308</td>
<td>LAB</td>
<td>11:45 am - 2:55 pm</td>
<td>MW</td>
<td>Klee, V</td>
<td>ON LINE</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**PHYSICS 102- Physics For Engineers And Scientists II (UC/CSU) - 5 Units**

**Enrollment Requirement:**
- Prerequisite: PHYSICS 101
- Corequisite: MATH 266

**PHYSICS 103- Physics For Engineers And Scientists III (UC/CSU) - 5 Units**

**Enrollment Requirement:**
- Prerequisite: PHYSICS 101
- Corequisite: MATH 267

**Physiology**

**PHYSIOL 001- Introduction To Human Physiology (UC/CSU) - 4 Units**

**Requirement Designation:** Meets IGETC 5B 5C CSU B2 B3

**Enrollment Requirement:**
- Prerequisite: ANATOMY 001 and CHEM 051 or CHEM 065 or CHEM 101

This course examines the function of cells, tissues, and organs of these human systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, endocrine, lymphatic/immune, and reproductive. Laboratory activities explore major physiological principles.

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2020 Fall SCHEDULE

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<tr>
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<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<tbody>
<tr>
<td>AND 13837 LAB 9:35 am - 12:45 pm Th Hernandez-Carretero, A M</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<th>Room</th>
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<th>Instructor</th>
<th>Room</th>
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<tr>
<td>AND 13847 LAB 9:40 am - 12:50 pm T Hernandez-Carretero, A M</td>
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Plumbing

**PLUMBNG 026- Plumbing Layout And Estimating I - 3 Units**

This course covers fundamentals of blueprint reading for residential plumbing with an introduction to piping layout and design and basic estimating procedures. An overview of piping and fitting nomenclature, measurements, and related calculations, as well as techniques in sketching, along with orthographic, and isometric drawing creation are included.

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<tr>
<th>Class No</th>
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<th>Instructor</th>
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<tbody>
<tr>
<td>10151 LEC 6:00 pm - 9:10 pm M Galvan, W M</td>
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**PLUMBNG 027- Plumbing Layout And Estimating II - 3 Units**

This course is a study of blueprints and specifications as related to plumbing layout and estimating. Knowledge and experience of students, including the application of codes and standards, are utilized in the creation of estimates. Principles of estimating, including materials, labor, overhead, and profit are reviewed. Layout procedures for one-and two-story residential, commercial and industrial units are examined as well as estimating procedures for each of these units. Pricing methods and bidding practices are included.

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<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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<tr>
<td>20864 LEC 6:00 pm - 9:10 pm F Jones, L</td>
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**PLUMBNG 028- Plumbing Code I - 3 Units**

Introduction is given in plumbing codes and ordinances that affect rough-in work, in city and county areas. Installation of wastes, vents, clean-outs, traps, gas fittings, gas vents and water pipe requirements are reviewed.

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<tr>
<th>Class No</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**PLUMBNG 029- Plumbing Code II - 3 Units**

Instruction is given in the uniform plumbing code that involves the current regulations of water and gas...
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<tr>
<th>Class No</th>
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<th>Start/End Time</th>
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<th>Instructor</th>
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<td>10231</td>
<td>LAB</td>
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<td>Galvan, W M</td>
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<td>10249</td>
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<td>10239</td>
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**PLUMBNG 031- Backflow Prevention Devices - 3 Units**
This course is designed to prepare student for Backflow Prevention Assembly Tester Certification. Instruction is given in fundamentals of cross-connection control including State, County, Health Department, and Municipal codes. Water Purveyor rules and regulations are reviewed in this course. Emphasis is given to laboratory work in installing, operating, testing, troubleshooting, and maintaining Pressure, Spill Resistant Pressure, and Two Check Type Pressure, Vacuum Breakers as well as Double Check Valve, Double Check Valve-Detector, Reduced Pressure Principle, and Reduced Pressure Principle-Detector Backflow prevention Assemblies.

**PLUMBNG 111- Introduction To Plumbing - 3 Units**
This course surveys the history of the Plumbing Industry; Highlights occupational information, Evokes job ethics and instructs on career information; The course also covers occupational health and safety hazards, provides an overview of Plumbing systems, and introduces the tools of the trade.

**PLUMBNG 112- Fundamentals Of Plumbing - 3 Units**
This course studies fundamentals of plumbing calculations and elementary drawings for beginners. Topics include pipe sizes and calculations, flow in pipe, friction design application, Instruction is given in the principles and design of water supply, fuel gas distribution, and D.W.V. (Drain, Waste and Vent).

**PLUMBNG 113- Basic Plumbing Principles And Practices - 6 Units**
This course introduces the fundamentals of plumbing principals and practices. Topics include installation basics, repair techniques, and nomenclature of pipes, fittings, and fixtures. Instruction is given on elementary drawings, plan reading, general specifications, and trade calculations as related to construction documents.
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. PLUMBNG 121- Working Drawings And Layout I - 3 Units</td>
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<td>This course offers instruction in basic blueprints, estimating and drafting related to the plumbing industry; proper methods and procedures of plan interpretation and application. This course also offers exposure to the plumbing code, manufacturer's data sheets, and plumbing specifications.</td>
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<td>10274</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. PLUMBNG 122- Plumbing Mathematics And Procedures II - 3 Units</td>
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<td>This course offers instructions in measuring, material purchases and return procedures, capacity loading, pressure calculations and gas conversions related to the plumbing industry, with emphasis on formulas calculations peculiar to the industry.</td>
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<td>10287</td>
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<td>This course offers the study and practice of the proper methods and procedures used in installing plumbing fixtures and accessories. Installing, fabricating and testing fixtures applicable to residential and commercial plumbing are covered.</td>
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<td>10308</td>
<td>LAB</td>
<td>8:35 am - 11:45 am</td>
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<td>Jones, L</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. PLUMBNG 131- Working Drawing II - 3 Units</td>
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<td>This course is a study of blueprints, plans, and drawings as related to the plumbing trade. Skills, including the interpretation of applicable code and standards. Basic principles of estimating, including materials and their quantities are reviewed.</td>
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<tr>
<td>10317</td>
<td>LEC</td>
<td>7:00 am - 8:25 am</td>
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<td>Slade, T W</td>
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<td>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. PLUMBNG 132- Plumbing Mathematics And Procedures II - 3 Units</td>
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</table>
|          |           | Instruction is given in layout procedures involving applied calculations concerning the plumbing trades. Instruction is also given in layout and design criteria with hands on laboratory procedures.
PLUMBNG 133- Installation And Plumbing Fixtures - 6 Units
This course covers fabrication, erection of piping, layout methods, process piping, blueprint installations and testing of plumbing fixtures and appliances.

10338  LEC  7:00 am - 8:05 am  MWF  Slade, T W  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PLUMBNG 141- Advance Layout And Procedures - 3 Units
This course covers proper methods of layout and installation procedures, fabrication, and erection of piping in commercial buildings in compliance with local and national codes.

10348  LEC  7:00 am - 8:25 am  MW  Whitaker, J K  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PLUMBNG 142- Servicing Of Plumbing Fixtures And Appliances - 3 Units
This course covers proper methods of repairing plumbing fixtures and appliances, preparing for the repair job, and estimating the job.

10386  LAB  8:35 am - 11:45 am  MW  Whitaker, J K  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PLUMBNG 143- Plumbing Code I - 3 Units
This course covers building codes as they relate to plumbing, with emphasis on the effective use of applicable codes and hands-on laboratory projects.

10380  LAB  7:00 am - 10:10 am  TTh  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PLUMBNG 144- Special Purposes Installation - 3 Units
This course covers fabrication and erection of piping for the proper installation of special appliances and fixtures and special methods used in the construction of these fixtures, as well as testing procedures.

10395  LAB  7:00 am - 11:50 am  F  STAFF, L  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
**PLUMBING 941- Cooperative Education - Plumbing (RPT 3) - 4 Units**
Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

17453 LEC 4:25 hrs/wk TBA Blumenfeld, S ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Political Science**

**POL SCI 001- The Government Of The United States (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4H CSU D8*

The Government Of The United States

14721 LEC 9:00 am - 12:10 pm Sa Tabakian, J P ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

14713 LEC 1:35 pm - 3:00 pm TTh Penn, G J ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

14691 LEC 3:10 hrs/wk TBA Vaden, B D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

14692 LEC 3:10 hrs/wk TBA Vaden, B D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

14695 LEC 3:10 hrs/wk TBA Vaden, B D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

14700 LEC 3:10 hrs/wk TBA Vaden, B D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

14708 LEC 3:10 hrs/wk TBA Vaden, B D ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
2020 Fall SCHEDULE  LA Trade-Technical College

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<th>Days</th>
<th>Instructor</th>
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<tr>
<td>14733</td>
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<td>ON LINE</td>
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<td>14745</td>
<td>LEC</td>
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<tr>
<td>26502</td>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

14733 LEC 3:10 hrs/wk TBA Sanchez, S ON LINE
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POL SCI 002- Modern World Governments (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8
Modern World Governments
15436 LEC 1:20 pm - 2:45 pm TTh Elac, J ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

26501 LEC 3:10 hrs/wk TBA Wang, P Y ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

Process Plant Technology
PRPLTEK 102- Process Measurement And Control Fundamentals (CSU) - 3 Units

The purpose of this course is to provide an introduction to the fundamentals of process variables and a variety of instruments used to sense, measure, transmit, and control process plant operations within chemical manufacturing, oil refineries and wastewater treatment industries.
21636 LEC 8:00 am - 11:10 am M Shields, V B ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PRPLTEK 103- Process Plant Equipment (CSU) - 3 Units

This course introduces the student to the generic equipment used in the process plant industry. Students will learn the fundamental principles of operation, construction, and application of piping, pipe fitting, steam traps, valves, pumps compressors, steam turbines, electric motors, furnaces, heat exchangers, cooling towers, storage tanks, distillation towers reactors and process instrumentation.
20825 LEC 11:30 am - 1:35 pm Th Shields, V B ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND
20826 LAB 8:00 am - 11:10 am W Shields, V B ON LINE
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current
PRPLTEK 200- Process Plant Systems (CSU) - 3 Units
The purpose of this course is to provide an introduction to the unique combinations of equipment and systems used to separate materials in chemical manufacturing, oil refineries, wastewater treatment, pharmaceutical industries, biomanufacturing and others. The study will include process systems such as, reactions, water treatment, distillation, absorbing/stripping, evaporation, extraction and fundamental organic chemistry principles involved in process systems.

26587  LEC  8:00 am - 11:10 am  Th  Sutton, C  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PRPLTEK 202- Introduction To Process Plant Troubleshooting - 3 Units
This course introduces students to the troubleshooting processes involved in the investigation, identification and eliminating of the type of faults which are common to process plant operations.

20831  LEC  11:00 am - 2:10 pm  T  Shields, V B  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

PRPLTEK 204- Ptech Instrumentation - Computer Applications - 2 Units
This advanced course introduces students to the computerized software used to manipulate process operations in chemical industries including petrochemical, wastewater, pharmaceutical and numerous other operations.

20828  LEC  8:00 am - 10:05 am  T  Shields, V B  ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Psychology
PSYCH 001- General Psychology I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4I CSU D9

Enrollment Requirement: Prerequisite: English 028 or English 101 or English 101 Placement Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include but are not limited to the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

16108  LEC  8:35 am - 10:00 am  TTh  STAFF, L  ON LINE

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**Alliance Ouchi-O'Donovan**
5356 5TH Ave, Los Angeles, CA 90043

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.

For more information, contact us at 213-763-3754.

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(Starts 10/19/2020, Ends 12/20/2020)

**PSYCH 002- Biological Psychology (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5B CSU B2*

*Enrollment Requirement: Prerequisite: PSYCH 001*

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships...
underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

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<td>26505</td>
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**PSYCH 013- Social Psychology (UC/CSU) - 3 Units**

*Requirement Designation:* IGETC-4 CSU-D E  
*Enrollment Requirement:* Prerequisite: PSYCH 001

This course considers individual human behavior in relation to the social environment. The power of the situation, other individuals, and the social group will be examined. Emphasized topics include but are not limited to: aggression, prejudice and stereotypes, interpersonal attraction, attitudes and attitude change, conformity, group phenomena, gender roles, cultural norms, person perception, helping behavior, obedience and social cognition.

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<th>Instructor</th>
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<td>22116</td>
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<td>Koritzke, L S</td>
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**PSYCH 041- Life-Span Psychology: From Infancy To Old Age (UC/CSU) - 3 Units**

*Requirement Designation:* Meets CSU E  
*Enrollment Requirement:* Prerequisite: PSYCH 001  
*Advisory:* ENGLISH 100

This course provides an overview, from a psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems.

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**PSYCH 074- Research Methods In The Behavioral Sciences (UC/CSU) - 3 Units**

**Requirement Designation:** Meets IGETC-4 and CSU-D

**Enrollment Requirement:** Prerequisite: PSYCH 001 and MATH 227

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub disciplines of psychology.

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**Public Relations**

**PUB REL 001- Principles Of Public Relations (CSU) - 3 Units**

Principles Of Public Relations

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**Real Estate**

**REAL ES 001- Real Estate Principles (CSU) - 3 Units**

Real Estate Principles

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**REAL ES 003- Real Estate Practices (CSU) - 3 Units**

Real Estate Practices
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**REAL ES 007- Real Estate Finance I (CSU) - 3 Units**

Real Estate Finance I

**REAL ES 014- Property Management (CSU) - 3 Units**

Property Management

**Refrig & Air Condition Mechan**

**REF A/C 100- Air Conditioning Project Management - 3 Units**

This course provides HVAC Industry Project Manager instruction. Topics covered will include blueprint reading, Microsoft spreadsheets, Microsoft Word documents, Microsoft Project, design build criteria, estimating, change orders, request for information, GANTT Charts, scheduling, schedule of values, purchase orders, submittals, transmittals, reading of air balance reports, warranty letters and close out packages.

**REF A/C 101- Air Conditioning And Refrigeration Principles And Practices-First Semester - 9 Units**

This course covers Refrigeration and Air Conditioning Theory, Fundamentals, and practices for entry level students. Topics discussed include refrigeration and air conditioning system components, maintenance procedures, service procedures, and Thermodynamics.

**REF A/C 141- Applied Refrigeration And Air Conditioning Principles - 3 Units**

**Enrollment Requirement:** Corequisite: REF A/C 143

This course focuses on Chemistry as applied to the HVAC and R industry. Areas covered include Hydronics, heating and cooling load calculations, control wiring, introduction into the Uniform Mechanical Code, pneumatic controls, troubleshooting approaches, and employment.
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<td>MW</td>
<td>Williams, T S</td>
<td>ON LINE</td>
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<tr>
<td>11223</td>
<td>LAB</td>
<td>7:00 am - 11:50 am</td>
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<td>Williams, T S</td>
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<td>8:00 am - 11:10 am</td>
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<td>Needham, M R</td>
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</table>

REF A/C 143- Refrigeration Servicing Procedures II - 3 Units
Enrollment Requirement: Corequisites: REF A/C 141 and REF A/C 145
Troubleshooting procedures in diagnosing and repairing malfunctions in refrigeration systems are studied in this course with emphasis on mechanical problems.

Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

REF A/C 145- Air Conditioning And Refrigeration Mechanics - 3 Units
Enrollment Requirement: Corequisites: REF A/C 141 and REF A/C 143
This is a study on diagnosing and repair of refrigeration, air conditioning, gas heating systems with emphasis on the correct application of electrical theory.

Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

REF A/C 160- Refrigeration System Principles And Practices - 4 Units
Students learn the fundamental refrigeration system principles, including system components refrigerants, basic electricity, motors, controls, and test equipment in domestic and commercial systems. Students get an introduction to air conditioning with an emphasis on the refrigeration cycle, and appropriate temperatures.

Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

REF A/C 161- Air Conditioning System Principles And Practices (CSU) - 4 Units
This is a study of human comfort, psychometrics and heat loads. Air distribution and duct sizing, air conditioning equipment, test instruments and measurements and servicing are explored.

Due to COVID-19 pandemic, this class will be conducted remotely and online with some required virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

AND

REF A/C 162- Piping Principles And Practices (CSU) - 4 Units
Instruction is given on refrigerant tubing and fittings, water piping and fittings, pipe sizing, soft soldering, silver brazing and schematic drawings.
### 2020 Fall SCHEDULE

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
</tr>
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<tbody>
<tr>
<td>11282</td>
<td>LEC</td>
<td>6:00 pm - 7:25 pm</td>
<td>TTh</td>
<td>Corbin, B R</td>
<td>ON LINE</td>
</tr>
<tr>
<td></td>
<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<tr>
<td>11293</td>
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<tr>
<td></td>
<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<tr>
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<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<td><strong>Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.</strong> AND</td>
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<tr>
<td></td>
<td><strong>REF A/C 164- Gas Heating Systems (CSU) - 4 Units</strong></td>
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<td></td>
<td>This course will provide the necessary skills needed for proper installation servicing and troubleshooting of natural gas furnaces. Topics include principles of gas combustion, gas ignition, controls, installation, and ventilation.</td>
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<td><strong>REF A/C 188- Servicing II - 3 Units</strong></td>
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<td>Topics covered in this course include: electrical diagrams for testing control circuits; the total electrical system and protection devices on package units; analysis of failure and compressor motor burnout cleanup procedures.</td>
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<td><strong>REF A/C 199- Mechanical Code I -Hvacr - 3 Units</strong></td>
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<td></td>
<td>Basic heating, air-conditioning and refrigeration (HVACR) mechanical codes and ordinances are the focus of this course. General codes, installation methods and equipment, electrical requirements and other specified areas in the various ordinances are reviewed.</td>
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<td></td>
<td><strong>REF A/C 201- Principles Of Centrifugal Refrigeration - 3 Units</strong></td>
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<tr>
<td></td>
<td>Principles Of Centrifugal Refrigeration</td>
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<td></td>
<td><strong>REF A/C 202- Refrigeration Fundamentals (CSU) - 3 Units</strong></td>
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<td></td>
<td>This course covers applied thermodynamics, types of energy, gas laws, sensible and latent heat transfer.</td>
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<tr>
<td>Class No</td>
<td>Component</td>
<td>Start/End Time</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**REF A/C 203- Compression Systems Of Refrigeration (CSU) - 3 Units**

Instruction is given in the vapor cycle of refrigeration systems, including the study of refrigerants and their behavior in the system.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**REF A/C 204- Technical Aspects Of Refrigeration System Components - 3 Units**

This Course covers the technical aspects of all major refrigeration system components. Topics covered include the principles of operation of various types of compressors, refrigerant flow controls, and system design.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**REF A/C 208- Refrigerant Management - Epa Section 608 (CSU) - 4 Units**

This course covers Refrigerant Management including the EPA Section 608 ruling, the Montreal Protocol, Ozone depletion and Global Warming. Preparatory course for the EPA section 608 technician certification. Type I, II, III, and Universal Certification. NOTE: Certification test will be available at the end of the semester for an additional fee.

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**REF A/C 209- North American Technician Excellence (Nate)-Air Conditioning Specialist Certification Preparation - 4 Units**

This course is a preparatory course for the industry standard NATE A/C Specialist certification examination. Topics covered in this course include safety, thermodynamics, electrical system diagnostics, airflow measurements, mechanical code, installation, service, tools, and more!

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
<th>Room</th>
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<td>ON LINE</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**REF A/C 250- Indoor Air Quality - 3 Units**

This course emphasizes on operation of systems to provide quality air to indoor environments. AQMD requirements and pending regulations are reviewed. Organizing and implementing maintenance programs that include indoor air quality assessment and air balancing HVAC systems are covered.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**REF A/C 301- Air Conditioning and Refrigeration Principles and Practices - Third Semester - 9 Units**

Air Conditioning and Refrigeration Principles and Practices - Third Semester

**Class No** | **Component** | **Start/End Time** | **Days** | **Instructor** | **Room**
---|---|---|---|---|---
11405 | LEC | 6:00 pm - 9:10 pm | T | Williams, T S | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**REF A/C 941- Cooperative Education-Refrigeration & Air Conditioning Mech (CSU) (RPT 3) - 4 Units**

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

**Class No** | **Component** | **Start/End Time** | **Days** | **Instructor** | **Room**
---|---|---|---|---|---
11423 | LEC | 4:25 hrs/wk | TBA | Blumenfeld, S | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

**Restaurant Management**

**RESTMGT 100- Restaurant Management (CSU) - 3 Units**

Introduction to managing in the restaurant industry. Effective communication, goal setting, management theory, problem solving and creating a team work environment will be discussed.

**Class No** | **Component** | **Start/End Time** | **Days** | **Instructor** | **Room**
---|---|---|---|---|---
10159 | LEC | 8:00 am - 11:10 am | F | Wemischner, R B | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Sign Graphics**

**SGNGRPH 101- Individual Lettering - 10 Units**

Instruction covers identification of materials, tools, and brushes. Training is offered in drawing and brush lettering Gothic, Roman, Script, and casual letter styles. This course also includes training in techniques of layout, letter spacing, color mixing in reference to the production and sale of temporary signs. Students prepare showcards, paper signs, and other temporary display saleable items.

**Class No** | **Component** | **Start/End Time** | **Days** | **Instructor** | **Room**
---|---|---|---|---|---
10325 | LAB | 7:00 am - 12:20 pm | T W Th F | Aguilar, J C | ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
SGNGRPH 102- Exterior Display Signs - 10 Units
Enrollment Requirement: Prerequisite: SGNGRPH 101
This course covers the tools and materials used to produce outdoor signs. In addition, students design, paint, and letter signs inside and outside the classroom. Students will work on a variety of materials including; canvas, plywood, aluminum, and plastic substrates, Introduction to computer generated lettering and application techniques for vinyl letters. Instruction will emphasize sign layout and design. Students will produce a 4/X8' plywood sign and an exterior wall sign.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10342 LAB 7:00 am - 12:20 pm TWThF Aguilar, J C ON LINE

SGNGRPH 103- Window Signs - 10 Units
Enrollment Requirement: Prerequisite: SGNGRPH 102
Instruction covers the use of specialized tools and materials used to produce window signs. Training includes painting on exterior and reverse windows, stippling techniques, and applications of vinyl letters on glass, both exterior and reverse. In addition, students will paint a temporary splash window and apply 23K gold leaf (water gilding). Intermediate computer design including the use of plotters and application techniques.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10358 LAB 7:00 am - 12:20 pm TWThF Guthrie, R T ON LINE

SGNGRPH 104- Advance Computer & Design - 10 Units
Enrollment Requirement: Prerequisite: SGNGRPH 103
Students will learn advanced design techniques, backgrounds, and color theory. Practical experience will be gained on advanced computer study, applications, and a variety of computer sign software. In addition, information will be given on small business practices - including management and pricing. Students will produce a sandblasted sign, a custom contour-cut sign, and an antique sign,

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

10375 LAB 7:00 am - 12:20 pm TWThF Guthrie, R T ON LINE

SGNGRPH 203- Silk Screen Processing I (RPT 1) - 2 Units
This course will provide an introduction to the screen printing trade. Students will learn to make silk screens and will learn about copy preparation, mesh selection, frames, stencil systems, printing techniques, ink & substrate compatibility, reclamation of screens. Students will print on a variety of surfaces.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

18116 LAB 9:00 am - 3:30 pm Sa Johnson, B T ON LINE

SGNGRPH 204- Silk Screen Processing II - 2 Units
Enrollment Requirement: Prerequisite: SGNGRPH 203
Advisory: SGNGRPH 205
Students will be introduced to the use of solvent based inks; including; color mixing, application, and clean-up.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
<th>Days</th>
<th>Instructor</th>
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<tr>
<td>10407</td>
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<td>9:00 am - 3:30 pm</td>
<td>Sa</td>
<td>Johnson, B T</td>
<td>ON LINE</td>
</tr>
</tbody>
</table>

This course also offers practice on a variety of substrates and uses including four color process printing.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**SGNGRPH 205- Computer Techniques For Screen Printing - 2 Units**

This is a computer course that will provide the basic skills necessary for students to prepare files for output to be used in the silk screen process. Topics covered: spot color, trapping, 4 color process and simulated color separations.

13172 LEC 6:00 pm - 7:05 pm T Johnson, B T ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**AND**

13176 LAB 7:15 pm - 9:35 pm T Johnson, B T ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**SGNGRPH 212- Sign Design And Layout - 2 Units**

Student will learn layout and design of commercial signs. Use of basic rules, appropriate fonts, proper emphasis and the effective utilization of panels will be covered in the course. Hand drawing and sign specific software will be practiced.

12840 LEC 7:00 am - 8:10 am M Guthrie, R T ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 09/14/2020, Ends 12/20/2020)

**AND**

12848 LAB 8:20 am - 10:50 am M Guthrie, R T ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 09/14/2020, Ends 12/20/2020)

**Sociology**

**SOC 001- Introduction To Sociology (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4J CSU D0*

**Introduction To Sociology**

28101 LEC 7:00 am - 8:25 am MW McClain, F ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

13957 LEC 8:35 am - 10:00 am TTh Tweini, H ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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<td>13916</td>
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</table>

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

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<tr>
<th>Class No</th>
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Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online. For more information, contact us at 213-763-3754.

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<thead>
<tr>
<th>Class No</th>
<th>Component</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.
## SOC 002- American Social Problems (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4J CSU D0

**American Social Problems**

<table>
<thead>
<tr>
<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<th>Instructor</th>
<th>Room</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 10/26/2020, Ends 12/20/2020)

## SOC 028- The Family: A Sociological Approach (UC/CSU) - 3 Units

**Requirement Designation:** Meets IGETC 4J CSU D0 E

**Enrollment Requirement:** Advisory: ENGLISH 100

**The Family: A Sociological Approach**

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<tr>
<th>Class No</th>
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<th>Days</th>
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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

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Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

## Solid Waste Management Tech

**SWM TEK 101- Introduction To Solid Waste Management - 3 Units**

This course offers instruction in the fundamentals of solid waste management including characteristics of solid wastes, refuse storage, collection, transportation, disposal methods, financing methods, and solid waste planning.

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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**SWM TEK 102- Collection Systems, Routing, And Management - 3 Units**

This course offers in-depth instruction in the techniques and fundamentals involved in efficient solid waste
routing, including topographical variables such as: alleys, one-way streets, hilly areas, downtown areas, and residential communities. The course studies routing for mechanized solid waste collection activities, routing to affect increased productivity, cost reduction, and improved public relations through proper route planning and safety.

27147 LEC 6:00 pm - 9:10 pm W Oillataguerre, M M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Spanish

SPANISH 001- Elementary Spanish I (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 6A CSU C2

An introductory course for students who have had little or no oral or written knowledge of Spanish. Students develop listening, speaking, reading, and writing skills in communicative contexts that are focused on the cultures of the Spanish-speaking world. Upon successful completion of this course students are able to understand and engage in simple conversations on familiar topics. Conducted primarily in Spanish.

15529 LEC 8:35 am - 9:45 am MTWTh Quinones, H C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

15534 LEC 10:10 am - 11:20 am MTWTh Quinones, H C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

15537 LEC 11:45 am - 12:55 pm MTWTh Quinones, H C ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

15539 LEC 6:45 pm - 9:15 pm MW Buscaglia, R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

SPANISH 002- Elementary Spanish II (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 6A 3B CSU C2

Enrollment Requirement: Prerequisite: SPANISH 1 or SPANISH 035

Students continue to practice authentic language in communicative contexts and increase their listening, speaking, reading, and writing proficiency. Upon successful completion of this course students are able to describe and narrate past real-life events, give commands and recommendations, talk about health issues, understand more complex conversations and readings, and write with more accuracy and detail. Students expand their awareness of the cultural diversity of the Spanish-speaking world. Credit is given for 2 or Spanish 35, but not for both. Prerequisite: Spanish 1 with a "C" or better, or language proficiency equivalent to two years of high-school Spanish.
SPANISH 035 - Spanish For Spanish Speakers I (UC/CSU) - 5 Units
Requirement Designation: Meets IGETC 3B
This course is intended for Spanish speakers who have grown speaking Spanish but have not formally studied it in an academic setting. Students are introduced to Spanish grammar and spelling rules with a focus on reading and writing skills and vocabulary expansion. Students practice the four language skills in the context of the geography, customs, and cultures of the Spanish-speaking countries and of the Latino experience in the United States. No prerequisites. Credit is given for either Spanish 35 or Spanish 2, but not both.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Supervision
SUPV 001 - Elements Of Supervision (CSU) - 3 Units
This course is a basic introductory course covering, in general terms, the total responsibilities of a supervisor in industry, such as organization, duties and responsibilities, human relations, grievances, training, rating, promotion, quality-quantity control, management-employee relations, and related topics.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

SUPV 003 - Human Relations (Developing Supervisory Leadership) - 3 Units
Instruction will focus on those human relation skills the supervisory student needs to be well rounded and thoroughly prepared for a work environment characterized by economic volatility, constant change and a new level of competitiveness. This interpersonal skills approach places greater emphasis on the application of knowledge through practice, followed by feedback and reinforcement.

Due to COVID 19 pandemic, this class will be conducted remotely and online with NO required virtual scheduled meetings. Disregard the meeting days and times listed for this class. Contact the instructor for more information specific to this class.

SUPV 011 - Oral Communications - 3 Units
This course will focus on the basics of the oral communication process and how it is intertwined with the work of a supervisor. Students will plan, compose, and deliver oral presentations designed to strengthen verbal and nonverbal skills. Finally, the student will be exposed to the basic principles of management and supervision and how successful communication is fundamental to the success of supervisors.

Enrollment and participation open to all students and is located offsite. For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.
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<tr>
<th>Class No</th>
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<td>Johnson, E R</td>
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Supply Water Technology

**WATER 001- Water Distribution I (CSU) - 3 Units**
This course provides instructions to water works design and operation for operators and others involved in the operation and design of water distribution systems. All major components of the distribution system including wells, storage reservoirs, pumps, water mains, valves, meters, and fire hydrants are fully discussed.

| 15358    | LEC       | 9:00 am - 12:10 pm  | Sa   | Ginzburg, D    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WATER 004- Water Purification I (Potable Water) (CSU) - 3 Units**
This beginning course in water treatment covers regulations related to water treatment and water quality control, basics of water treatment plant processes and inter-relationship of processes, and introduction to operation and maintenance of water treatment plant. One of the objectives of the course is to prepare students for Grade 1 and Grade 2 Water Treatment Operator Certification by the Department Of Public Health (CDPH).

| 18027    | LEC       | 1:00 pm - 4:10 pm   | Sa   | Ginzburg, D    | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WATER 101- Introduction To Supply Water Technology - 3 Units**
The purpose of this course is to introduce the basics of water supply, sources of water supply, water chemistry, drinking water regulations, water microbiology, water quality control, and some basic arithmetics related to water distribution and water treatment problems.

| 10345    | LEC       | 6:00 pm - 9:10 pm   | M    | Kallo, J S     | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WATER 102- Calculations And Measurement For Water Technology Programs - 3 Units**
This course covers the basic math skills needed to perform in the supply & waster water fields. Emphasis is placed on the basic operations and how they are applied to the industry. Measurement calculations will be performed in both standard and metric measurements.

| 10986    | LEC       | 6:00 pm - 9:10 pm   | W    | Kallo, J S     | ON LINE |

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WATER 941- Cooperative Education - Supply Water Technology (CSU) (RPT 3) - 4 Units**
Cooperative Education is a work experience program involving the employer, the student-employee and the...
Tailoring

TAILRNG 250- Tailoring Techniques I - 2 Units
Training is offered in basic tailoring techniques. Students be instructed in welt pockets, hand tailored stitching, and finishing techniques. This course will consist of a basic and stylized tailored vest.

15879 LAB 6:00 pm - 9:10 pm MW Conte, R S ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

TAILRNG 251- Tailoring Techniques II - 2 Units
Enrollment Requirement: Prerequisite: TAILRNG 250
Students will receive training on trousers and casual men's style jackets. Instruction will include fly closures, welt pockets, and half linings, and jacket tailoring techniques.

15880 LAB 6:00 pm - 9:10 pm MW Conte, R S ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

TAILRNG 252- Tailoring Techniques III - 2 Units
Enrollment Requirement: Prerequisite: TAILRNG 251
Students receive training in tailored coats, men's style shirts. Instruction will include stylized seams, cold weather techniques.

15881 LAB 6:00 pm - 9:10 pm MW Conte, R S ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

TAILRNG 255- Men's Pattern Drafting I - 2 Units
In this course students will learn the fundamentals of taking and using men's measurements for pattern making. Students will draft patterns for basic trousers, men's sport shirts, and a basic man's vest. Each pattern will be tested for fit.

18653 LAB 8:35 am - 3:05 pm Sa Conte, R S ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

TAILRNG 256- Men's Pattern Drafting II - 2 Units
This course in men's pattern making will introduce students to advanced styling including, jackets, and stylized pants. Students will make complete patterns for each element of a three piece suit.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Theater**

**THEATER 100- Introduction To The Theater (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 3A 3B CSU C1*

Students will survey and appreciate the art of theatre. The students are provided a wider basis for both evaluation and enjoyment of the theatrical experience. Students examine all elements of live theatre, its cultural and historical background, the contributions of various theatre artists, and its overall purpose and influence within our society. Students explore all aspects of play production: playwriting, directing, acting, criticism, theatre architecture, set design, costume design, lighting design, and the role of the audience.

11113 LEC 11:45 am - 1:10 pm MW Horn, M L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

11122 LEC 6:00 pm - 9:10 pm M Horn, M L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**Visual Communications**

**VISCOM 100- Graphic Design I (CSU) - 2 Units**

An introduction to the profession of Graphic Design. Projects will stress design basics, typography, the computer as a design tool, the basics of visual problem solving, and art production and advertising.

12727 LAB 8:00 am - 1:20 pm TW Lepe, S A ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

**VISCOM 103- Basic Computer Systems (UC/CSU) - 2 Units**

*Requirement Designation: Meets CSU C1*

Introduction to the Macintosh computer for graphic design. Students will learn the basics of computer functionality. Emphasis will be placed on a clear understanding of the operations systems and its configuration for use with graphic applications. File management, Apple & Adobe applications.

12740 LAB 8:00 am - 1:20 pm ThF STAFF, L ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 08/31/2020, Ends 10/25/2020)

**VISCOM 105- Digital Prepress I (UC/CSU) - 2 Units**

*Requirement Designation: Meets CSU C1*

Beginning level course in the preparation of art for the reproduction process, and its application to the industries of Advertising and Graphic Design. Students will study the history of graphic design, typesetting,
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<td>STAFF, L</td>
<td>ON LINE</td>
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Digital prepress (in black and white and full color reproduction) as an emphasized focus within the course.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 10/26/2020, Ends 12/20/2020)

**VISCOM 106- Drawing I (CSU) - 2 Units**

Students will draw images of 3-D space correctly using Two Point Perspective. Students will draw from life and from photographs for the purpose of creating camera ready illustrations. Students will execute finished line art in various ink techniques.

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(Starts 10/26/2020, Ends 12/20/2020)

**VISCOM 112- Digital Prepress II (UC/CSU) - 2 Units**

*Requirement Designation: Meets CSU C1*

Intermediate level course where students design and produce projects that utilize the Macintosh computer and Apple applications. Printing processes, techniques and requirement for digital and offset lithography will be covered.

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(Starts 08/31/2020, Ends 10/25/2020)

**VISCOM 114- Digital Typesetting (CSU) - 2 Units**

Introduction of the principles of computer typesetting as a career. The course will cover the standards and guidelines used to set type for ads, brochures, and stationary. Proofreading and setting copy in multiple computer programs will be stressed.

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(Starts 08/31/2020, Ends 10/25/2020)

**VISCOM 115- Graphic Design II (CSU) - 2 Units**

Intermediate level course that will stress Graphic Design as a profession. Problems will emphasize the development of creativity, typography as communication, art production and the computer, and methods for developing brochures, ads and web pages.

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(Starts 10/26/2020, Ends 12/20/2020)

**VISCOM 116- Advertising Concepts (CSU) - 2 Units**

Introduction to the development of advertising concepts for magazines, television, and the internet. Use
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<td>12805</td>
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<td>12811</td>
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<td>12819</td>
<td>VISCOM 124- Computer Illustration I (CSU) - 2 Units</td>
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<tr>
<td>12823</td>
<td>VISCOM 126- Portfolio Development I (CSU) - 2 Units</td>
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<td>Rodriguez, C J</td>
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research, brainstorming and standard advertising methodology to plan, design and produce an advertising campaign.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
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Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**VISCOM 127- Digital Prepress III (UC/CSU) - 2 Units**  
*Requirement Designation: Meets CSU C1*
An advanced course in digital prepress. Students will utilize photographic images, typography, and original artwork to create printing files for advertising and graphic design. Advanced Macintosh based theories will be covered to include Adobe Creative Suites.

**VISCOM 128- Designing Logos And Trademarks (CSU) (RPT 3) - 2 Units**  
Introduction to the principles of trademark design and stationary production. Research, marketing, color theory, and corporate identity principles will be stressed. Logos, letterheads, business cards and envelopes will be designed for a variety of clients.

**VISCOM 129- Digital Photo Manipulation - 2 Units**  
An introductory course that concentrates on the software application Adobe Photoshop. Students will be instructed on how to use this application to create original art and graphics by manipulating scanned photography and other imagery.

**VISCOM 130- Drawing III (CSU) - 2 Units**  
Students will be able to compose and design a multiple image montage illustration. The incorporation of scale change, strong positive and negative shapes and line variations will provide depth to the illustration content and suggest a strong graphic composition.

**VISCOM 131- Computer Illustration II (CSU) - 2 Units**  
An advanced level course in digital picture-making techniques. It combines the Adobe software applications Illustrator and Photoshop for the creation of digital illustrations that include drawing, photo manipulations, and typography stylizations for advertising and editorial purposes.
Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 08/31/2020, Ends 10/25/2020)

**VISCOM 132- Portfolio Development II (CSU) - 2 Units**
An advanced course in the production of a finished portfolio. Preparation of 10 completed works with preliminary developmental books culminates in a simulated job interview with Advisory Board members.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 10/26/2020, Ends 12/20/2020)

**VISCOM 133- Digital Portfolio Preparation (UC/CSU) - 2 Units**
*Requirement Designation: Meets CSU C1*
Plan and produce a digital portfolio of course projects to upload to the Internet. Write a resume based on graphic design and advertising standards.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 10/26/2020, Ends 12/20/2020)

**Vocational Education**

**VOC ED 190CE- Pathway to Socially Responsible Entrepreneurship (Repeatable) - 0 Unit**
Pathway to Socially Responsible Entrepreneurship

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 08/31/2020, Ends 10/25/2020)

**VOC ED 314CE- Water Safety Instruction (Repeatable) - 0 Unit**
Water Safety Instruction

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 09/14/2020, Ends 12/20/2020)

**AND**

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class. 
(Starts 09/14/2020, Ends 12/20/2020)
Enrollment and participation open for all students.
For more information, please visit the STEAM Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 09/14/2020, Ends 12/20/2020)

VOC ED 602CE- Shop Tools (Repeatable) - 0 Unit
Shop Tools

Wastewater Technology

WASTE 013- Wastewater Operations II - 3 Units
A comprehensive study is made of preliminary, primary, and secondary treatment systems and operations including selected field studies.
15352 LEC 6:00 pm - 9:10 pm T Azarbayjani, M ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

WASTE 017- Wastewater Operations Vi - 3 Units
Public health, the environment, regulations, management/supervision and report writing as practiced in wastewater and water reclamation plants safety are covered.
17454 LEC 6:00 pm - 9:10 pm Th Abkian, V ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

WASTE 018- Water And Wastewater Mathematics - 3 Units
This is a review and practice of basic mathematical concepts required to solve wastewater treatment problems. (Note: this is not a remedial math class).
15356 LEC 6:00 pm - 9:10 pm W Abkian, V ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

Welding Gas And Electric

WELDG/E 112- Welding Related Technical Instructions I - 3 Units
This course will cover the principles of oxy-acetylene welding, brazing and cutting; safety, material selection, equipment assembly, fuels torch adjustments, and movements.
15364 LEC 11:00 am - 2:10 pm Th Hernandez, R ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

WELDG/E 113- Applied Mathematics I - 3 Units
This is an entry level course in welding calculations and measurements with special emphasis on the application problems encountered in the welding industry.
**WELDG/E 121- Electric Welding I (CSU) - 5 Units**

Students perform basic manipulative exercises in electric welding using low alloy and mild steel materials in all positions, safety precautions, and fire prevention.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WELDG/E 124- Blueprint Reading I (CSU) - 3 Units**

This course covers the principles of reading and interpreting basic industrial blueprints as applied to the welding trade.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WELDG/E 125- Applied Mathematics II - 3 Units**

Related mathematical problems in welding in project design and construction using the fundamental principles of algebra, right angle trigonometry, and basic geometry.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WELDG/E 132- Blueprint Reading II (CSU) - 3 Units**

Enrollment Requirement: Prerequisite: WELDG/E 113

The course covers the principles of lines, view, size, description, print formats, fasteners, and different types of fabrication drawings; review of industrial welding prints.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

**WELDG/E 133- Welding Related Technical Instruction III - 3 Units**

The course places an emphasis on materials, design, assembly procedures, electrodes selection, equipment, welding joints, terminology, welding metallurgy, and preparation for AWS and ASME welding examination.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
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<th>Class No</th>
<th>Component</th>
<th>Start/End Time</th>
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<td>WELDG/E 143- Welding Related Technical Instruction IV - 3 Units</td>
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<td>WELDG/E 941- Cooperative Education - Welding Gas And Electric (CSU) (RPT 3) - 4 Units</td>
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