# Academic Preparation ACAD PR 003CE- Language Arts: Writing Essays (Repeatable) - 0 Unit

Language Arts: Writing Essays

Class No	Component	Start/End Time	Days	Instructor	Room
22971	LEC	6:00 pm - 7:00 pm	W	Garcia, G	TONLINELIV
And	LEC	0:50 hrs/wk	TBA	Garcia, G	TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 09/16/2024, Ends 12/15/2024)

# Accounting ACCTG 001- Introductory Accounting I (UC/CSU) - 5 Units

Enrollment Requirement: Advisory: BUS 038

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.

Class No	Component	Start/End Time	Days	Instructor	Room				
Alliance Dr 644 W 17th	LEC LEC ership Program sect Olga Mohan High St., es, CA 90015		TTh TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO				
Enrollment	and participation or	nly for Alliance Dr. Olga Mohan	High School students	as a part of a CCAP-AB288 a	agreement.				
This class	This class section will meet in-person at Alliance Dr. Olga Mohan High School with additional coursework and activities online.								
For more information, please contact the k12 Partnership Program at (213) 763-3966.									
11079	LEC	8:35 am - 11:05 am	TTh	Brumell, B R	C4-208				

21720	LEC	5:20 hrs/wk	ТВА	Friedman, D P	TONLINENO

No real-time meetings are required. All activities are online.

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11558	LEC	8:35 am - 11:05 am	MW	Baltayan, A	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

# ACCTG 015- Tax Accounting I (CSU) - 3 Units

# LA Trade-Technical College

This course is a study of income taxes as they apply to individuals and sole-proprietorships.							
Class No	Component	Start/End Time	Days	Instructor	Room		
14389	LEC	9:00 am - 12:10 pm	Sa	Ho, F K	TONLINELIV		

Real-time meetings are required as scheduled. All activities are online.

# ACCTG 021- Bookkeeping And Accounting I (UC/CSU) - 3 Units

#### Enrollment Requirement: Advisory: BUS 038

This course covers the basic accounting cycle including adjusting entries and closing entries as well as preparing basic financial statements.

Class No	Component	Start/End Time	Days	Instructor	Room
11680	LEC	9:00 am - 12:10 pm	F	STAFF, L	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
Alliance Dr. 644 W 17th	LEC ership Program sect . Olga Mohan High o St., es, CA 90015	-	TTh	STAFF, L	OFF CAMP

Enrollment and participation only for Alliance Dr. Olga Mohan High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at Alliance Dr. Olga Mohan High School.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

26084	LEC	10:35 am - 12:00 pm	TTh	STAFF, L	OFF CAMP
[k12 Partne	ership Program secti	ion]			
Alliance Dr	. Olga Mohan High S	School			
644 W 17th	n St.,				
Los Angele	es, CA 90015				

Enrollment and participation only for Alliance Dr. Olga Mohan High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at Alliance Dr. Olga Mohan High School.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

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17861	LEC	6:00 pm - 9:10 pm	W	Stapleton, C O	TONLINELIV
Real-time r	meetings are require	ed as scheduled. All activities are	e online.		
25483 [k12 Partne STEAM Ac	LEC ership Program sect ademy	3:35 hrs/wk ion]	ТВА	STAFF, L	TONLINENO

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14151	LEC	6:00 pm - 9:10 pm	Th	Leung, J	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

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.

# ADM JUS 004- Principles And Procedures Of The Justice System (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8

A detailed study of the role and responsibilities of the American court system and its purpose; an examination of the philosophy, history, structure, operation, concepts, and services related to the judiciary; this course examines the prosecutorial process and court functions, as well as public policy concerns that currently affect our judicial system.

Class No	Component	Start/End Time	Days	Instructor	Room
21716	LEC	6:00 pm - 9:10 pm	Μ	Vasquez, M M	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

# ADM JUS 067- Community Relations I (UC/CSU) - 3 Units

Examination of the complex relationship between the community and the justice system with emphasis on the challenges of dealing with the role of race, ethnicity, gender relations, sexual orientation, social class, language, and culture in shaping these relations.

Class No	Component	Start/End Time	Days	Instructor	Room
21717	LEC	9:00 am - 12:10 pm	Sa	Katz, S J	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### African American Studies

#### AFRO AM 004- The African American In The History Of The U.S. I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4 7 CSU D F

Enrollment Requirement: Advisory: ENGLISH 101

Students analyze historiographical issues in African American history and how black Americans were active agents in creating their own history from Africa to the Civil War. Emphasis is placed on the African background of African Americans, the institution of slavery, the development of African American community institutions, and African American participation in, and impact on, the Civil War.

Class No	Component	Start/End Time	Days	Instructor	Room		
25345LEC9:20 am - 12:55 pmSaSTAFF, LU SC[k12 Partnership Program section]USC Upward Bound3551 Trousdale Pkwy,Los Angeles, CA 90007							
Enrollment	and participation are	e open to all students.					
This class s	section will meet in-p	person at University of Southern	California.				
	nformation, please c 2/2024, Ends 12/15/20	ontact the k12 Partnership Prog <sup>24)</sup>	ram at (213) 763-3966	б.			
21577	LEC	10:10 am - 11:35 am	MW	Akinyela, I J	F5-312		
21578	LEC	11:45 am - 1:10 pm	TTh	Akinyela, I J	F5-312		
24775	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO		

No real-time meetings are required. All activities are online.

#### AFRO AM 005- The African American in the History of the U.S. II (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4 7 CSU D F

Enrollment Requirement: Advisory: AFRO AM 005

This course centers on the lived experiences of those of African descent from the Reconstruction Era to the present. This course examines the Reconstruction period and analyzes both the twentieth century and early twenty-first century black progress movements in the contexts of race, equity, gender, Black feminism, and social justice in contemporary black history. This course documents the laws, policies, and culture that negatively impacted African Americans and helps students understand the theories and motivations behind racial behavior and race-based social patterns and attitudes that forged U.S. political, social, and economic inter-race relations from 1865 to the present. Included is a survey of the U.S. Constitution.

Class No	Component	Start/End Time	Days	Instructor	Room
24776	LEC	10:10 am - 11:35 am	TTh	Akinyela, I J	F5-312

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24777	LEC	11:45 am - 1:10 pm	MW	Akinyela, I J	F5-312
24778	LEC	3:10 hrs/wk	ТВА	Akinyela, I J	TONLINENO

No real-time meetings are required. All activities are online.

#### 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									
Class No	Component	Start/End Time	Days	Instructor	Room				
20901	LEC	11:00 am - 1:05 pm	MW	Velez, M	B3-309				
16986 And	LEC LEC	1:30 pm - 3:45 pm 2:00 hrs/wk	M TBA	Velez, M Velez, M	B3-309 TONLINENO				
Some in pe	erson meetings are	required as scheduled. The rem	aining activities are or	nline.					
23696 And	LEC LEC	3:30 pm - 5:20 pm 5:05 hrs/wk	TTh TBA	Jones, L F Jones, L F	F5-208 TONLINENO				
	erson meetings are 1 1/2024, Ends 12/15/20	required as scheduled. The rem 24)	aining activities are or	nline.					
10162	LEC	4:15 hrs/wk	ТВА	Velez, M	TONLINENO				
No real-tim	e meetings are requ	uired. All activities are online.							
25486 [k12 Partne STEAM Ac	LEC ership Program sect cademy	4:50 hrs/wk ion]	ТВА	STAFF, L	TONLINENO				
Enrollment	Enrollment and participation are open to all students.								
This class does not meet in real-time. All activities and work are completed online.									
For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)									
25348	LEC	4:15 hrs/wk	ТВА	Velez, M	TONLINENO				
No real-time meetings are required. All activities are online.									

# AnatomyANATOMY 001- Introduction To Human Anatomy (UC/CSU) - 4 UnitsRequirement Designation:Meets IGETC 5B 5C CSU B2 B3Enrollment Requirement:Prerequisite: BIOLOGY 003 or BIOLOGY 005 or BIOLOGY 006This course examines the structure of cells, tissues, and organs of these human systems: integumentary,

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skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, endocrine, lymphatic, and reproductive. Dissection and microscopy are used extensively in lab.

Class No	Component	Start/End Time	Days	Instructor	Room
11591 <b>AND</b>	LEC	8:00 am - 11:10 am	Sa	Sobhanian, S	B3-308
11596	LAB	11:30 am - 2:40 pm	Sa	Sobhanian, S	C4-468
25328 <b>AND</b>	LEC	9:35 am - 11:00 am	TTh	Lai, H	B3-309
25329	LAB	8:00 am - 9:25 am	TTh	Lai, H	C4-468
20876 <b>AND</b>	LEC	10:00 am - 11:25 am	TTh	STAFF, L	B3-308
20877	LAB	11:50 am - 1:15 pm	TTh	STAFF, L	C4-408
20874 <b>AND</b>	LEC	2:35 pm - 4:00 pm	MW	STAFF, L	B3-308
20875	LAB	1:00 pm - 2:25 pm	MW	STAFF, L	C4-408
16032 <b>AND</b>	LEC	3:30 pm - 4:55 pm	TTh	Kim, O S	B3 305
16033	LAB	5:05 pm - 6:30 pm	TTh	Kim, O S	C4-468

# Anthropology

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

Requirement Designation:

**Enrollment Requirement:** 

Meets IGETC 5B CSU B2 Advisory: ENGLISH 101

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.

Class No	Component	Start/End Time	Days	Instructor	Room				
USC Upwa 3551 Trous	LEC ership Program sect ard Bound sdale Pkwy, es, CA 90007	9:20 am - 12:55 pm ion]	Sa	STAFF, L	U SC				
Enrollment	Enrollment and participation are open to all students.								
This class	This class section will meet in-person at University of Southern California.								
<b>Farmara</b> :	For more information, places contact the 1/12 Dertherabin Descreen at (212) 702 2000								

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/02/2024, Ends 12/15/2024)

19553	LEC	10:10 am - 11:35 am	MW	Garcia, S A	F5-315
19000		10.10 alli - 11.55 alli	10100	Garcia, 5 A	10-01

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ANTHRO 102 Human Ways Of Life: Cultural Anthropology (UC/CSU) 2 Units								
No real-time meetings are required. All activities are online.								
10496	LEC	3:10 hrs/wk	ТВА	Garcia, S A	TONLINENO			
Real-time m	neetings are required	d as scheduled. All activities are	online.					
10509	LEC	6:00 pm - 9:10 pm	т	STAFF, L	TONLINELIV			
14152	LEC	1:25 pm - 2:50 pm	TTh	STAFF, L	F5-315			

	О 102- пип	ian ways Of Life: C	ultural Anthro	opology (UC/CSU)	- 5 Units					
Requirement Designation: Meets IGETC 4A CSU D1										
Enrollm	Enrollment Requirement: Advisory: ENGLISH 101									
Compara	tive survey of	human culture, including	g the study of hu	man society, language	, religion, political and					
economic	c organization,	with examples drawn fr	om contemporar	y preliterate, peasant,	and urban societies.					
Class No	Component	Start/End Time	Days	Instructor	Room					
24779	LEC	11:45 am - 1:10 pm	MW	Garcia, S A	F5-315					
19209	LEC	3:10 hrs/wk	ТВА	Garcia, S A	TONLINENO					
-				'						

No real-time meetings are required. All activities are online.

#### ANTHRO 103- Archaeology: Reconstructing The Human Past (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC-4 CSU-B1 D

This course is an introduction to the concepts, theories, and methods of anthropological archaeology as well as a review of significant data and models that contribute to our knowledge of the human past. Topics covered include the history and interdisciplinary nature of archaeological research; dating techniques; methods of survey, excavation, analysis, and interpretation; cultural resource management; professional ethics; and selected cultural sequences.

Class No	Component	Start/End Time	Days	Instructor	Room
21732	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO

No real-time meetings are required. All activities are online.

#### ANTHRO 111- Laboratory In Human Biological Evolution (UC/CSU) - 1 Unit

Requirement Designation:

Meets IGETC 5C CSU B3

Enrollment Requirement: Corequisite: ANTHRO 101

This course will enable students to apply key concepts and techniques in physical anthropology. Through the understanding and use of scientific methodology, students will experience how to solve problems related to genetics, human variation, the living primates, and human paleontology.

Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

24985	LEC	10:10 am - 10:40 am	TTh	Garcia, S A	F5-315
<b>AND</b> 24986	LAB	10:40 am - 11:30 am	TTh	Garcia, S A	F5-315

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10676	LEC	7:00 am - 9:30 am	т	Modine, A T	C2-109
Real-time <b>AND</b>	meetings are require	ed as scheduled. All activities a	re online.		
10679	LAB	7:00 am - 9:30 am	Th	Modine, A T	C2-109

Real-time meetings are required as scheduled. All activities are online.

#### 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 Renaissance.

Class No	Component	Start/End Time	Days	Instructor	Room
11746	LEC	12:25 pm - 2:30 pm	Т	Oliva, M	C2-109

#### ARC 131- History Of Architecture II (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1 A lecture course in the history and development of architecture from the Renaissance to the present. Class Start/End Time Instructor Room Component Davs No 11750 LEC Th Oliva, M C2-109 12:25 pm - 2:30 pm

#### ARC 172- Architectural Drawing I (CSU) - 3 Units

This is ar	n introductory	course covering the	e preparation of co	onstruction drawings	for a light framed building.
Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

11809	LEC	9:45 am - 12:15 pm	М	Oliva, M	C2-109
<b>AND</b> 11811	LAB	9:45 am - 12:20 pm	W	Oliva, M	C2-109

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11871 <b>AND</b>	LEC	7:00 am - 9:30 am	Т	Oliva, M	C2-107
11872	LAB	7:00 am - 9:30 am	Th	Oliva, M	C2-107

#### ARC 271- Architectural Drawing III (CSU) - 3 Units

This is an intermediate course covering the design and construction drawings for complex buildings. Component Start/End Time Instructor Class Davs Room No 11912 LEC 9:45 am - 12:10 pm т Oliva, M C2-107 AND 11913 LAB 9:45 am - 12:10 pm Th Oliva, M C2-107

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11968 And	LEC LEC	7:00 am - 8:25 am 1:25 hrs/wk	M TBA	Derro, B A Derro, B A	F5-111 TONLINENO	
Some in pe	erson meetings are	required as scheduled. The rem	aining activities are o	nline.		
19642 And	LEC LEC	11:45 am - 1:10 pm 1:25 hrs/wk	W TBA	Derro, B A Derro, B A	F5-111 TONLINENO	
Some in pe	erson meetings are	required as scheduled. The rem	aining activities are o	nline.		
20029 (Starts 09/23	LEC 3/2024, Ends 12/15/20	1:30 pm - 3:35 pm <sup>(24)</sup>	MW	STAFF, L	F5-201	
11959	LEC	3:10 hrs/wk	ТВА	Smith, J	TONLINENO	
No real-time meetings are required. All activities are online.						
11960	LEC	3:10 hrs/wk	ТВА	Derro, B A	TONLINENO	

No real-time meetings are required. All activities are online.

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15307	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
17955	LEC	3:35 hrs/wk	ТВА	STAFF, L	TONLINENO
	e meetings are requ 9/2024, Ends 12/15/20	uired. All activities are online. 24)			
20900	LEC	3:10 hrs/wk	ТВА	Smith, J	TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
23020	LEC	8:35 am - 10:00 am	TTh	Derro, B A	F5-111	

#### 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. Component Class Start/End Time Davs Instructor Room No LEC 10:10 am - 11:35 am Derro, B A 12146 MW F5-111 12142 LEC 3:10 hrs/wk TBA Derro, B A TONLINENO

No real-time meetings are required. All activities are online.

#### ART 201- Drawing I (UC/CSU) - 3 Units

Requirement Designation: Meets CSU C1

**Enrollment Requirement:** Maximum of four enrollments in the 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
19774	LEC	9:00 am - 9:50 am	Sa	STAFF, L	F5-401	
And	LEC	1:05 hrs/wk	TBA	STAFF, L	TONLINENO	

Some in person meetings are required as scheduled. The remaining activities are online.

AND

# LA Trade-Technical College

19775	LAB	10:10 am - 12:15 pm	Sa	STAFF, L	F5-401
Some in pe	rson meetings are re	equired as scheduled. The rem	aining activities are o	nline.	

18744	LEC	10:10 am - 12:15 pm	Т	Smith, J	F5-401
<b>AND</b> 18745	LAB	10:10 am - 12:15 pm	Th	Smith, J	F5-401

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
18746 <b>AND</b>	LEC	1:30 pm - 3:35 pm	Th	Smith, J	F5-401
18747	LAB	3:45 pm - 5:50 pm	Th	Smith, J	F5-401

#### ART 501- Beginning Two-Dimensional Design (UC/CSU) - 3 Units

**Enrollment Requirement:** Maximum of four enrollments in the Art-Design course family. Introduction to the concepts, applications, and influences related to two-dimensional art and composition, including the study of the basic principles and elements of line, shape, texture, value, color and spatial illusion. Consult local college catalog for details.

Class No	Component	Start/End Time	Days	Instructor	Room
21863 <b>AND</b>	LEC	1:30 pm - 3:35 pm	Т	Smith, J	F5-401
21864	LAB	3:45 pm - 5:50 pm	Т	Smith, J	F5-401

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

Requirement Designation: Meets IGETC 5A CSU B1

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

Class No	Component	Start/End Time	Days	Instructor	Room
Communica 6100 S Cen	•••	8:30 am - 9:55 am on] School at Diego Rivera Learnin	MTh g Complex	STAFF, L	OFF CAMP

Enrollment and participation only for DRLC students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at DRLC.

For more information, please contact the k12 Partnership Program at (323) 999-1217.

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11973	LEC	10:10 am - 11:35 am	TTh	Tekola, A	TONLINELIV			
Real-time r	neetings are require	d as scheduled. All activities are	e online.					
11967	LEC	1:25 pm - 2:50 pm	MW	Khan, M	TONLINELIV			
Real-time r	neetings are require	d as scheduled. All activities are	e online.					
11979	LEC	5:00 pm - 6:25 pm	MW	Moreno, M A	TONLINELIV			
Real-time r	neetings are require	d as scheduled. All activities are	e online.					
	. = 0							
11983	LEC	6:00 pm - 9:10 pm	W	Wilson, J B	TONLINELIV			
Real-time r	Real-time meetings are required as scheduled. All activities are online.							
15233	LEC	3:10 hrs/wk	ТВА	Khan, M	TONLINENO			

No real-time meetings are required. All activities are online.

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

Requirement Designation: Meets IGETC 5C CSU B3

Enrollment Requirement: Corequisite: ASTRON 001

Using the planetarium and telescopes (as available on campuses) and/or planetarium software, star atlases and planispheres, this class will study the methods used by astronomers to determine the nature of the universe.

Class Com No	ponent Start/End	Time Days	Instructor	Room	
26277 LAB [k12 Partnership Pro Communication & To 6100 S Central Ave. Los Angeles, CA 900	echnology School at Dieg	11:25 am MTh go Rivera Learning Complex	STAFF, L	OFF CAMP	

Enrollment and participation only for DRLC students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at DRLC.

For more information, please contact the k12 Partnership Program at (323) 999-1217.

19883	LAB	7:00 pm - 8:25 pm	MW	Moreno, M A	TONLINELIV
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Real-time meetings are required as scheduled. All activities are online.

#### Automotive Collision Repair AUTOCOR 112- Auto Body Construction, Repair And Welding Fundamentals (RPT 0) -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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

LAB

And

# LA Trade-Technical College

Jakahi. J K

B1-100

12094 This clas	LEC s will meet in-p	7:00 am - 8:25 am person at LATTC. See schedule of c	MW lasses for class	Jakahi, J K room and lab details.	B1-132
Students	may take AUT	OCOR classes in any order			
12095	LAB	7:00 am - 12:40 pm	TTh	Jakahi, J K	B1-100

MW

Students may take AUTOCOR classes in any order

8:35 am - 12:40 pm

This class will meet in-person at LATTC. See schedule of classes for classroom and lab details.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12097	LEC	12:45 pm - 2:10 pm	MW	Ferre, B E	B1-132
This class	will meet in-person a	t LATTC. See schedule of class	ses for classroom and	lab details.	
Students m	ay take AUTOCOR	classes in any order			
12101	LAB	12:45 pm - 5:55 pm	TTh	Ferre, B E	B1-100
And	LAB	2:20 pm - 6:45 pm	MW	Ferre, B E	B1-100
This class v	will meet in-person a	t LATTC. See schedule of class	ses for classroom and	lab details.	

Students may take AUTOCOR classes in any order

#### **AUTOCOR 148- Paint Preparation And Application - 3 Units**

Students receive instruction in the types and properties of paint, solvent and spot painting. Cause and effect relationships of paint and surface blemishes, paint application problems, repairs and final detailing as required to I-CAR and industry standards are introduced.

Class No	Component	Start/End Time	Days	Instructor	Room
20827 <b>AND</b>	LEC	7:30 am - 8:35 am	Sa	STAFF, L	B1-132
20828	LAB	8:45 am - 3:15 pm	Sa	STAFF, L	B1-132

#### 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

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
25478 <b>AND</b>	LEC	6:00 pm - 7:05 pm	Т	Ferre, B E	B1-132
25479 And	LAB LAB	6:00 pm - 9:40 pm 7:15 pm - 9:40 pm	Th T	Ferre, B E Ferre, B E	B1-100 B1-100

#### AUTOCOR 227- Auto Body And Fender II - 3 Units

This course offers advanced training in refinishing, color mixing and matching of OEM (Original Equipment manufacturer) color codes. Proper paint gun operation and use of air pressure and spray patterns are emphasized, as well as VOC (Volatile Organic Compounds) log calculation systems. Students will learn to repair/repaint as required to I-CAR and industry standards. This course will emphasize on the STAR Training Program whose goal is to train technicians to reduce material consumption costs and pollution through increased spray efficiency.

Class No	Component	Start/End Time	Days	Instructor	Room			
19177	LEC	6:00 pm - 7:05 pm	Μ	Jakahi, J K	B1-132			
This class v	will meet in-person a	at LATTC. Please see schedule	of classes for lecture	and lab details.				
Students m	nay take AUTOCOR	classes in any order						
19178	LAB	6:00 pm - 9:45 pm	W	Jakahi, J K	B1-100			
And	LAB	7:15 pm - 9:45 pm	Μ	Jakahi, J K	B1-100			
This class v	This class will meet in-person at LATTC. Please see schedule of classes for lecture and lab details.							

Students may take AUTOCOR classes in any order

AUTOCOR 941- Cooperative Education - Automotive Collision Repair (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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	
16508	LEC	4:15 hrs/wk	TBA	Guerra, J	TONLINENO	
Cooperativ	e education course	s require that you are either				

1) actively employed

ÓR

2) Volunteering or participating in an internship

For questions, please contact the professor for details: guerraj2@lattc.edu

No real-time meetings are required. All activities are online.

#### Automotive Mechanics Tech AUTORTK 100- Heating And Air Conditioning Systems Theory, Inspection & Rpr (CSU) -3 Units

Instruction is offered in the area of (HVAC) heating, ventilation & air conditioning systems, with emphasis on

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lass Io	Component	Start/End Time	Days	Instructor	Room
480 arts 08/26	LEC 6/2024, Ends 09/29/20	7:00 am - 8:00 am <sup>(24)</sup>	MTWTh	Guevara, J G	B1-229
481	LAB 6/2024, Ends 09/29/20	8:10 am - 1:35 pm	MTWTh	Guevara, J G	B1-108
202 This clas	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and labora	MTWTh tory sessions***	McFall, T J	B1-122
TORTK arts 09/30	courses may be tal 0/2024, Ends 11/03/20	ken in any order 124)			
205	LAB ss will meet in-perso	8:00 am - 1:10 pm on for both lecture and labora	MTWTh tory sessions***	McFall, T J	B1-106
	courses may be tal 0/2024, Ends 11/03/20				
209 This clas	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and labora	MTWTh tory sessions***	Cantillano, J	B1-128
	courses may be tal 4/2024, Ends 12/15/20				
211 This clas	LAB ss will meet in-perso	8:00 am - 12:35 pm on for both lecture and labora	MTWTh tory sessions***	Cantillano, J	B1-108
	courses may be tal 4/2024, Ends 12/15/20				
119 This clas	LEC ss will meet in-perso	5:30 pm - 6:35 pm on for both lecture and labora	T tory sessions***	Goyn, B A	B1-128
itortk <b>ND</b>	courses may be tal	ken in any order			
120	LAB LAB	5:30 pm - 9:10 pm 6:45 pm - 9:10 pm	Th T	Goyn, B A Goyn, B A	B1-128 B1-108

#### AUTORTK 113- Drive Train Components Principles And Practices (USU) - 3 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
12217 ***This clas	LEC ss will meet in-persor	7:00 am - 8:00 am n for both lecture and laboratory	MTWTh sessions***	Taba, R A	B1-130
	courses may be tak 5/2024, Ends 09/29/202				
12218 ***This clas	LAB ss will meet in-person	8:10 am - 1:35 pm n for both lecture and laboratory	MTWTh sessions***	Taba, R A	B1-130
	courses may be tak 6/2024, Ends 09/29/202				

As of Date 04/22/2024

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12224	LEC	7:00 am - 7:50 am	MTWTh	Taba, R A	B1-130
***This cla	ss will meet in-perso	on for both lecture and laboratory	y sessions***		
	·		·		
AUTORTK	courses may be tak	ken in any order			
(Starts 11/0	4/2024, Ends 12/15/20	24)			
AND					
12229	LAB	8:00 am - 12:25 pm	MTWTh	Taba, R A	B1-130
***This cla	ss will meet in-perso	n for both lecture and laborator	y sessions***	-	
AUTORTK	courses may be tak	ken in any order			
(Starts 11/0	4/2024, Ends 12/15/20	24)			
12212	LEC	5:30 pm - 6:35 pm	Μ	STAFF, L	B1-130
***This cla	ss will meet in-perso	on for both lecture and laboratory	y sessions***		
AUTORTK	courses may be tak	ken in any order			
AND					
12214	LAB	5:30 pm - 9:10 pm	W	Venegas, R	B1-130
And	LAB	6:45 pm - 9:10 pm	Μ	STAFF, L	B1-130
		on for both lecture and laboratory		, _	
			,		

AUTORTK courses may be taken in any order

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12237	LEC ss will meet in-perso	7:00 am - 8:00 am n for both lecture and laboratory	MTWTh / sessions***	Cantillano, J	B1-128
	courses may be tak 6/2024, Ends 09/29/20				
12239	LAB ss will meet in-perso	8:10 am - 1:35 pm n for both lecture and laboratory	MTWTh / sessions***	Cantillano, J	B1-108
	courses may be tak 6/2024, Ends 09/29/20				
12246 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am n for both lecture and laboratory	MTWTh v sessions***	Cantillano, J	B1-128
	courses may be tak 0/2024, Ends 11/01/20				
12250 ***This cla	LAB ss will meet in-perso	8:00 am - 1:10 pm n for both lecture and laboratory	MTWTh / sessions***	Cantillano, J	B1-108
	courses may be tak 0/2024, Ends 11/01/202				
20836 <b>AND</b>	LEC	1:30 pm - 2:35 pm	Т	STAFF, L	B1-128
20837	LAB	1:30 pm - 5:20 pm	Th	Cantillano, J	B1-108
And	LAB	2:45 pm - 5:20 pm	Т	STAFF, L	B1-108
12231 ***This cla	LEC ss will meet in-perso	5:30 pm - 6:30 pm n for both lecture and laboratory	M / sessions***	STAFF, L	B1-128

AUTORTK courses may be taken in any order

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12234	LAB	5:30 pm - 9:10 pm	W	Taba, R A	B1-128
And	LAB	6:45 pm - 9:10 pm	Μ	STAFF, L	B1-120
***This clas	s will meet in-perso	n for both lecture and laboratory	sessions***		

AUTORTK courses may be taken in any order

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10100 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh sessions***	McFall, T J	B1-122
	courses may be tak 4/2024, Ends 12/15/20				
10112 ***This cla	LAB ss will meet in-perso	8:00 am - 12:35 pm on for both lecture and laboratory	MTWTh sessions***	McFall, T J	B1-122
AUTORTK (Starts 11/0	courses may be tak 4/2024, Ends 12/15/20	ken in any order 24)			
10130 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh sessions***	McFall, T J	B1-122
	Courses may be tak 6/2024, Ends 09/29/20				
10151	LAB ss will meet in-perso	8:00 am - 1:25 pm on for both lecture and laboratory	MTWTh v sessions***	McFall, T J	B1-122
AUTORTK	Courses may be tak 6/2024, Ends 09/29/20	ken in any order			
20838 (Starts 09/3 AND	LEC 0/2024, Ends 11/03/20	7:00 am - 7:50 am <sup>24)</sup>	MTWTh	Guevara, J G	B1-229
20839	LAB 0/2024, Ends 11/03/20	8:00 am - 1:10 pm <sup>24)</sup>	MTWTh	Guevara, J G	B1-106
20831 <b>AND</b>	LEC	1:30 pm - 2:35 pm	Μ	STAFF, L	B1-116
20832 And	LAB LAB	1:30 pm - 5:20 pm 2:45 pm - 5:20 pm	W M	Rios, M STAFF, L	B1-106 B1-106
10067 ***This cla	LEC ss will meet in-perso	5:30 pm - 6:35 pm on for both lecture and laboratory	T sessions***	STAFF, L	B1-120
AUTORTK <b>AND</b>	courses may be tak	ken in any order			
AND 10069 And	LAB LAB	5:30 pm - 9:10 pm 6:45 pm - 9:10 pm	Th T	STAFF, L STAFF, L	B1-120 B1-120
		on for both lecture and laboratory	-		220

AUTORTK courses may be taken in any order

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

Instruction on theory, inspection & repair of automotive electronic/electrical systems and components.

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Emphasis is placed on charging, battery/starting & ignition systems component inspection, diagnosis & repair. This course also offers instruction on electrical wiring diagram analysis.

Class No	Component	Start/End Time	Days	Instructor	Room
16094 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laborator	MTWTh y sessions***	Mostafa, O	B1-124
	courses may be tal 6/2024, Ends 09/29/20				
16095	LAB ss will meet in-perso	8:00 am - 1:25 pm on for both lecture and laborator	MTWTh y sessions***	Mostafa, O	B1-124
	courses may be tal 6/2024, Ends 09/29/20				
•	LEC 4/2024, Ends 12/15/20	7:00 am - 7:50 am <sup>024)</sup>	MTWTh	Guevara, J G	B1-229
AND 25485 (Starts 11/0-	LAB 4/2024, Ends 12/15/20	8:00 am - 12:35 pm <sup>(24)</sup>	MTWTh	Guevara, J G	B1-108
10203 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laborator	MTWTh y sessions***	Taba, R A	B1-130
	courses may be tal 0/2024, Ends 11/01/20				
10218	LAB ss will meet in-perso	8:00 am - 1:10 pm on for both lecture and laborator	MTWTh y sessions***	Taba, R A	B1-130
	courses may be tal 0/2024, Ends 11/01/20				
20843 <b>AND</b>	LEC	5:30 pm - 6:35 pm	М	STAFF, L	B1-120
20844 And	LAB LAB	5:30 pm - 9:10 pm 6:45 pm - 9:10 pm	W M	Ramirez, J L STAFF, L	B1-108 B1-108

**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.

Class No	Component	Start/End Time	Days	Instructor	Room
4133 `*This cla	LEC ss will meet in-perso	7:00 am - 7:50 am n for both lecture and laboratory	MTWTh sessions***	Mostafa, O	B1-124
	courses may be tak 4/2024, Ends 12/15/202				

AUTORTK courses may be taken in any order (Starts 11/04/2024, Ends 12/15/2024)

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10256 ***This clas	LEC ss will meet in-perso	7:00 am - 7:50 am n for both lecture and laboratory	MTWTh sessions***	Mostafa, O	B1-124
	courses may be tak 0/2024, Ends 11/03/202	5			
10266	LAB ss will meet in-perso	8:00 am - 1:10 pm n for both lecture and laboratory	MTWTh sessions***	Mostafa, O	B1-108
	courses may be tak 0/2024, Ends 11/03/202				
25487 <b>AND</b>	LEC	7:30 am - 8:35 am	Sa	STAFF, L	B1-120
25488	LAB	8:45 am - 3:15 pm	Sa	STAFF, L	B1-108
16101 ***This clas	LEC ss will meet in-perso	5:30 pm - 6:35 pm n for both lecture and laboratory	T v sessions***	Grissett, R P	B1-116
AUTORTK <b>AND</b>	courses may be tak	en in any order			
16102 And	LAB LAB ss will meet in-perso	5:30 pm - 9:10 pm 6:45 pm - 9:10 pm n for both lecture and laboratory	Th T y sessions***	Grissett, R P Grissett, R P	B1-116 B1-116

AUTORTK courses may be taken in any order

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10291 ***This clas	LEC ss will meet in-perso	7:00 am - 7:55 am n for both lecture and laboratory	MTWTh sessions***	Ramirez, J L	B1-120
	courses may be tak 6/2024, Ends 09/29/202				
10295 ***This clas	LAB ss will meet in-perso	8:05 am - 1:30 pm n for both lecture and laboratory	MTWTh sessions***	Ramirez, J L	B1-104

AUTORTK courses may be taken in any order (Starts 08/26/2024, Ends 09/29/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10304	LEC	7:00 am - 7:50 am	MTWTh	Ramirez, J L	B1-120
***This clas	ss will meet in-perso	on for both lecture and laboratory	y sessions***		

AUTORTK courses may be taken in any order (Starts 09/30/2024, Ends 11/01/2024)

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#### AND

10307 LAB 8:00 am - 1:05 pm MTWTh \*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

Ramirez, J L

B1-104

AUTORTK courses may be taken in any order (Starts 09/30/2024, Ends 11/01/2024)

#### 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,

Class No	Component	Start/End Time	Days	Instructor	Room
10325 ***This clas	LEC s will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh y sessions***	Ramirez, J L	B1-120
	courses may be tak /2024, Ends 12/15/20	<b>,</b>			
10331	LAB s will meet in-perso	8:00 am - 12:35 pm on for both lecture and laboratory	MTWTh y sessions***	Ramirez, J L	B1-104
	courses may be tak /2024, Ends 12/15/20	,			
19203 <b>AND</b>	LEC	5:30 pm - 6:35 pm	М	STAFF, L	B1-116
19204	LAB	5:30 pm - 9:15 pm	W	STAFF, L	B1-106
And	LAB	6:45 pm - 9:15 pm	Μ	STAFF, L	B1-106

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
0336 **This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh v sessions***	Rios, M	B1-116
	courses may be tak 6/2024, Ends 09/29/20				
10340 **This cla	LAB	8:00 am - 1:25 pm on for both lecture and laboratory	MTWTh	Rios, M	B1-106

AUTORTK courses may be taken in any order (Starts 08/26/2024, Ends 09/29/2024)

# 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.

Class	Component	Start/End Time	Days	Instructor	Room
No					

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10345 ***This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh / sessions***	Rios, M	B1-116
	Courses may be tal 0/2024, Ends 11/01/20				
10348	LAB ss will meet in-perso	8:00 am - 1:10 pm on for both lecture and laboratory	MTWTh / sessions***	Rios, M	B1-104

AUTORTK courses may be taken in any order (Starts 09/30/2024, Ends 11/01/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10353 **This cla	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and labora	MTWTh tory sessions***	Rios, M	B1-116	
	courses may be tak 4/2024, Ends 12/15/20	2				

AUTORTK courses may be taken in any order (Starts 11/04/2024, Ends 12/15/2024)

#### AUTORTK 285- Directed Study - Automotive And Related Technology - 2 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.

Class No	Component	Start/End Time	Days	Instructor	Room
Alliance Lei 2930 Fletch		1:15 pm - 2:19 pm on] hily Foundation Environmental S	WF Science High School	STAFF, L	OFF CAMP

Enrollment and participation only for Alliance Leichtman-Levine Family Foundation Environmental students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at Alliance Leichtman-Levine Family Foundation Environmental Science High School.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
	LEC LEC PUS- CAMP KIRBY 7/2024, Ends 12/15/20	8:00 am - 11:50 am 3:00 pm - 5:05 pm <sup>24)</sup>	Sa F	Cantillano, J Cantillano, J	OFF CAMP OFF CAMP

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23331 Directed S	LEC Study (Automotive FA	3:10 hrs/wk <sup>A</sup> )	ТВА	Guerra, J	B1-214
	LEC Studies (Automotive 21/2024, Ends 12/15/20	,	ТВА	Guerra, J	B1-214

# AUTORTK 941- Cooperative Education - Automotive And Related Technology (CSU) (RPT 3) - 4 Units

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

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	
10362 Cooperativ	LEC ve education course	4:25 hrs/wk s require that you are either	TBA	Guerra, J	TONLINENO	

1) actively employed OR

2) Volunteering or participating in an internship

For questions, please contact the professor for details: guerraj2@lattc.edu

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

# Baking, Professional 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
17135 <b>AND</b>	LEC	7:00 am - 9:05 am	F	True, C B	E3-205	
17136	LAB	9:15 am - 3:45 pm	F	True, C B	E3-212	
12792 (Starts 10/2 <b>AND</b>	LEC 1/2024, Ends 12/15/20	9:30 am - 10:50 am <sup>24)</sup>	TWTh	True, C B	E3-207	
12795 (Starts 10/2	LAB 1/2024, Ends 12/15/20	11:00 am - 3:25 pm <sup>24)</sup>	TWTh	True, C B	E3-212	
17146 (Starts 08/2) <b>AND</b>	LEC 6/2024, Ends 10/20/20	9:30 am - 10:45 am <sup>24)</sup>	TWTh	True, C B	E3-207	
17147	LAB 6/2024, Ends 10/20/20	11:00 am - 3:15 pm <sup>24)</sup>	TWTh	True, C B	E3-212	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12798 (Starts 08/2 <b>AND</b>	LEC 6/2024, Ends 10/20/20	10:40 am - 12:45 pm <sup>24)</sup>	MTWTh	Aschenbrener, A R	E3-206
12799 (Starts 08/2	LAB 6/2024, Ends 10/20/20	6:30 am - 10:25 am	MTWTh	Aschenbrener, A R	E3-109

#### PROFBKG 122- Artisan 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12800 (Starts 10/2 <b>AND</b>	LEC 1/2024, Ends 12/15/20	10:40 am - 12:45 pm <sup>(24)</sup>	MTWTh	STAFF, L	E3-206
12801	LAB 1/2024 Ends 12/15/20	6:30 am - 10:30 am	MTWTh	STAFF, L	E3-109

(Starts 10/21/2024, Ends 12/15/2024)

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12802	LEC	7:00 am - 9:05 am	MTWTh	Damaso, S D	E3-207	
(Starts 08/2)	6/2024, Ends 10/20/20	24)				
12803	LAB	9:15 am - 1:15 pm	MTWTh	Damaso, S D	E3-211	
(Starts 08/20	6/2024, Ends 10/20/20	24)				

#### **PROFBKG 132- Multi-Component Desserts and Pastries - 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

# LA Trade-Technical College

12805 (Starts 10/2	LEC 1/2024, Ends 12/15/20	7:00 am - 9:05 am <sup>24)</sup>	MTWTh	Damaso, S D	E3-207
AND					
12808	LAB	9:15 am - 1:15 pm	MTWTh	Damaso, S D	E3-211
(Starts 10/2	1/2024, Ends 12/15/20	24)			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
17137 <b>AND</b>	LEC	2:30 pm - 6:35 pm	Th	Sanchez, M E	E3-211
17138	LAB	7:00 am - 2:20 pm	F	Sanchez, M E	E3-211

# Barbering

#### BAR 123- Barbering Jr. Salon I - 6 Units

#### Enrollment Requirement: Prerequisite or corequisite: BAR 113

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.

Class No	Component	Start/End Time	Days	Instructor	Room
14339	LEC	4:30 pm - 5:45 pm	MTW	McCain, R M	B3-203
And	LEC	4:30 pm - 5:45 pm	Th	Hernandez, B	B3-203
And	LEC	4:30 pm - 5:15 pm	F	Monge, J V	B3-203

This class is for students who have completed BAR 113 in previous terms and are concurrently enrolled in BAR 133 and BAR 123. Enrollment for both classes must be in your shopping cart and completed in the same transaction. (Starts 08/26/2024, Ends 10/20/2024)

#### AND

14340	LAB	5:50 pm - 9:55 pm	MTW	McCain, R M	B2-123
And	LAB	5:50 pm - 9:55 pm	Th	Hernandez, B	B2-123
And	LAB	5:50 pm - 9:55 pm	F	Monge, J V	B2-123
<b>T</b> I · I					

This class is for students who have completed BAR 113 in previous terms and are concurrently enrolled in BAR 133 and BAR 123. Enrollment for both classes must be in your shopping cart and completed in the same transaction. (Starts 08/26/2024, Ends 10/20/2024)

#### BAR 133- Barbering Jr. Salon III - 6 Units

Enrollment Requirement: Prerequisite or corequisite: BAR 123

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10430	LEC	12:30 pm - 2:00 pm	MTWTh	Glover, J H	B3 305
This class	is for students who	have completed BAR 123 in pre	evious terms and are c	concurrently enrolled in BAR 1	43. Enrollment for both classes
must be ir	your shopping cart	and completed in the same tran	saction.		

(Starts 08/26/2024, Ends 10/20/2024)

#### AND

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10434LAB2:10 pm - 7:25 pmMTWThGlover, J HB2-128This class is for students who have completed BAR 123 in previous terms and are concurrently enrolled in BAR 143. Enrollment for both classesmust be in your shopping cart and completed in the same transaction.Glover, J HB2-128(Starts 08/26/2024, Ends 10/20/2024)Starts 08/26/2024, Ends 10/20/2024Starts 08/26/2024, Ends 10/20/2024Starts 08/26/2024, Ends 10/20/2024

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

Enrollment Requirement: Prerequisite or corequisite: BAR 133

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.

0	Class	Component	Start/End Time	Days	Instructor	Room
ľ	lo					
19	9433	LEC	12:30 pm - 2:00 pm	MTWTh	Glover, J H	B3 305
			ave completed BAR 133 in prev nd completed in the same trans		currently enrolled in BAR 133	Enrollment for both classes
(S	tarts 10/21/2	024, Ends 12/15/202	4)			

AND

19434LAB2:20 pm - 7:30 pmMTWThGlover, J HB2-123This class is for students who have completed BAR 133 in previous terms or are concurrently enrolled in BAR 123. Enrollment for both classesmust be in your shopping cart and completed in the same transaction.Glover, J HB2-123(Starts 10/21/2024, Ends 12/15/2024)Starts 10/21/2024, Ends 12/15/2024Starts 10/21/2024, Ends 12/15/2024Starts 10/21/2024

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

#### Enrollment Requirement: Prerequisite or corequisite: 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
20144 And And	LEC LEC LEC	4:30 pm - 5:45 pm 4:30 pm - 5:45 pm 4:30 pm - 5:45 pm	MTW Th F	McCain, R M Hernandez, B Monge, J V	B3-203 B3-203 B3-203	
	6/2024, Ends 10/20/20	• •	·	Wonge, e v	20200	
20145 And	LAB LAB	5:55 pm - 9:55 pm 5:55 pm - 9:55 pm	MTW Th	McCain, R M Hernandez, B	B2-128 B2-128	
And	LAB 6/2024, Ends 10/20/20	5:55 pm - 9:55 pm	F	Monge, J V	B2-128	

#### BAR 145- Crossover Cosmetology to Barbering (NDA) - 6 Units

The licensed cosmetologist will be introduced to the advanced services in the barbering industry. Mock State Board procedures for barbering licensure will be employed. The course will cover all the basic for barbering that include: Shaving techniques, facial shave skin preparations, resting facials, scalp manipulations, haircuts using clippers, and clipper shaving.

Class No	Component	Start/End Time	Days	Instructor	Room
26159 (Starts 10/21 <b>AND</b>	LEC //2024, Ends 12/15/202	7:30 am - 9:00 am <sup>24)</sup>	MTWTh	Le, J M	B2-247
26160 (Starts 10/21	LAB //2024, Ends 12/15/202	9:10 am - 2:20 pm <sup>24)</sup>	MTWTh	Le, J M	B2-247

#### Basic Skills

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

# LA Trade-Technical College

Developi	ing English Coi	mposition Skills					
Class No	Component	Start/End Time	Days	Instructor	Room		
14957	LEC Part One (TABE E a	8:00 am - 11:20 am and M) - English    Session One	MW	STAFF, L	D3-109N		
This class i	s for students prepa	aring to complete the Reading fo	r Language Arts (RLA	.) writing portion of the GED T	est.		
This class s	section will meet in-	person.					
For more in	formation, please c	ontact Academic Connections:					
	93-9047	open to all students. This class : 24)	section will meet in-pe	erson.			
14958 GED Prep I	LEC Part One (TABE E a	8:00 am - 11:10 am and M) - English    Session Two	MW	STAFF, L	D3-109N		
This class i	s for students prepa	aring to complete the Reading fo	r Language Arts (RLA	) writing portion of the GED T	est.		
This class s	section will meet in-	person.					
For more in	formation, please c	ontact Academic Connections:					
Phone: 213 Text: 213-2 (Starts 10/21		24)					
17552 GED Prep I	LEC Part One (TABE D a	8:00 am - 11:20 am and A) - English    Session One	MW	STAFF, L	TONLINELIV		
This class i	s for students prepa	aring to complete the Reading fo	r Language Arts (RLA	.) writing portion of the GED T	est.		
For more in	formation, please c	ontact Academic Connections:					
Phone: 213 Text: 213-2							
	neetings are require 5/2024, Ends 10/20/20	ed as scheduled. All activities are 24)	e online.				
19152 GED Prep I	LEC Part One (TABE Mi)	9:00 am - 10:25 am ked Levels) - English    Full Sem	TTh ester	STAFF, L	TONLINELIV		
This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test.							
For more information, please contact Academic Connections:							
Phone: 213-763-3754 Text: 213-293-9047							
Real-time n	Real-time meetings are required as scheduled. All activities are online.						
19143 GED Prep I	LEC Part One (TABE E a	6:00 pm - 9:20 pm and M) - English    Session I	MW	STAFF, L	TONLINELIV		
This close :	o for atudanta razza	ving to complete the Deading fo	r Longuaga Arta /DLA	) writing portion of the OED T	· oot		

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test.

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For more information, please contact Academic Connections:								
Phone: 213-763-3754 Text: 213-293-9047								
	Real-time meetings are required as scheduled. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)							
19150 LEC GED Prep Part One (TABE D	6:00 pm - 9:20 pm and A) - English    Session One	MW	STAFF, L	TONLINELIV				
This class is for students prep	paring to complete the Reading fo	or Language Arts (RLA	A) writing portion of the GED 1	est.				
For more information, please	contact Academic Connections:							
Phone: 213-763-3754 Text: 213-293-9047								
Real-time meetings are requi (Starts 08/26/2024, Ends 10/20/2	red as scheduled. All activities an 024)	e online.						
19151 LEC GED Prep Part One (TABE D	6:00 pm - 9:10 pm and A) - English    Session Two	MW	STAFF, L	TONLINELIV				
This class is for students prep	paring to complete the Reading fo	or Language Arts (RLA	A) writing portion of the GED 1	est.				
For more information, please	contact Academic Connections:							
Phone: 213-763-3754 Text: 213-293-9047								
Real-time meetings are required as scheduled. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)								
22216 LEC	6:00 pm - 9:10 pm	MW	STAFF, L	TONLINELIV				
Real-time meetings are required as scheduled. All activities are online.								

(Starts 08/26/2024, Ends 10/20/2024)

# BSICSKL 023CE- College And Scholastic Assessment Preparation (Repeatable) - 0 Unit

Class No	Component	Assessment Preparation	Days	Instructor	Room			
14968	LEC aration - Social Stud	8:00 am - 12:50 pm <sub>dies</sub>	F	STAFF, L	TONLINELIV			
This class i	This class is for students preparing to complete the Social Studies portion of the GED.							
Phone: 213	For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-9047							
Real-time r	Real-time meetings are required as scheduled. All activities are online.							
16362 TEAS Read	LEC ding Prep	4:00 pm - 7:30 pm	TTh	STAFF, L	TONLINELIV			

Real-time meetings are required as scheduled. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

# LA Trade-Technical College

22483 LEC TEAS Prep Math	4:00 pm - 7:30 pm	MW	STAFF, L	TONLINELIV
Real-time meetings are req (Starts 08/26/2024, Ends 10/20	uired as scheduled. All activities //2024)	are online.		
22233 LEC Reading TEAS Prep	4:00 hrs/wk	ТВА	STAFF, L	TONLINENO

No real-time meetings are required. All activities are online.

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

Basic M	Basic Math Skills							
Class No	Component	Start/End Time	Days	Instructor	Room			
19153	LEC Part Two (TABE Mi	9:35 am - 11:29 am xed Levels) - Math    Full Semes	T ster	STAFF, L	TONLINELIV			
This class	is for students prepa	aring to complete the Math portion	on of the GED Test.					
Phone: 213 Text: 213-2	3-763-3754	contact Academic Connections:						
19154	LAB	9:30 am - 12:30 pm	Th	STAFF, L	TONLINELIV			
And	LAB	11:40 am - 12:30 pm	Т	STAFF, L	TONLINELIV			
GED Prep	Part Two (TABE Mi	xed Levels) - Math    Full Semes	ster					
This class	is for students prepa	aring to complete the Math portion	on of the GED Test.					
Phone: 213 Text: 213-2	3-763-3754	contact Academic Connections: 24)						
23853	LEC	11:45 am - 2:05 pm	Т	STAFF, L	D3-109N			
•	6/2024, Ends 10/20/20	24)						
		44.45.5.5.0.40.5.5	<b>T</b> I		D0 400N			
23854 And	LAB LAB	11:45 am - 3:10 pm 2:15 pm - 3:10 pm	Th T	STAFF, L STAFF, L	D3-109N D3-109N			
	6/2024, Ends 10/20/20		I	STAFF, L	D3-109N			
23855	LEC	, 11:45 am - 1:50 pm	Т	STAFF, L	C4-304			
	(Starts 10/21/2024, Ends 12/15/2024)							
AND								
23856	LAB	11:45 am - 3:00 pm	Th	STAFF, L	D3-109A-1			
And	LAB	2:00 pm - 3:00 pm	Т	STAFF, L	C4-304			
(Starts 10/2 19144	1/2024, Ends 12/15/20 LEC		т	STAFE I				
		6:00 pm - 8:05 pm and M) - Math    Session One	I	STAFF, L	TONLINELIV			

This class is for students preparing to complete the Math portion of the GED Test.

For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-9047

Real-time meetings are required as scheduled. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

# LA Trade-Technical College

AND 19145 LAB And LAB GED Prep Part Two (TABE	6:00 pm - 9:15 pm 8:15 pm - 9:15 pm E and M) - Math    Session One	Th T	STAFF, L STAFF, L	TONLINELIV TONLINELIV
This class is for students pr	eparing to complete the Math porti	on of the GED Test.		
For more information, pleas Phone: 213-763-3754 Text: 213-293-9047	e contact Academic Connections:			
(Starts 08/26/2024, Ends 10/20 19146 LEC	uired as scheduled. All activities ar /2024) 6:00 pm - 8:05 pm E and M) - Math    Session Two	re online. T	STAFF, L	TONLINELIV
This class is for students pr	eparing to complete the Math porti	on of the GED Test.		
For more information, pleas Phone: 213-763-3754 Text: 213-293-9047	e contact Academic Connections:			
Real-time meetings are req (Starts 10/21/2024, Ends 12/15 <b>AND</b>	uired as scheduled. All activities an /2024)	re online.		
19147 LAB And LAB GED Prep Part Two (TABE	6:00 pm - 9:25 pm 8:15 pm - 9:25 pm E and M) - Math    Session Two	Th T	STAFF, L STAFF, L	TONLINELIV TONLINELIV
This class is for students pr	eparing to complete the Math porti	on of the GED Test.		
For more information, pleas Phone: 213-763-3754 Text: 213-293-9047	e contact Academic Connections:			
Real-time meetings are req (Starts 10/21/2024, Ends 12/15	uired as scheduled. All activities ar	re online.		
19148 LEC	6:20 pm - 8:25 pm D and A) - Math    Session One	Т	STAFF, L	TONLINELIV
This class is for students pr	eparing to complete the Math porti	on of the GED Test.		
For more information, pleas Phone: 213-763-3754 Text: 213-293-9047	e contact Academic Connections:			
Real-time meetings are req (Starts 08/26/2024, Ends 10/20 <b>AND</b>	uired as scheduled. All activities an /2024)	re online.		
19149 LAB And LAB GED Prep Part Two (TABE	6:20 pm - 9:35 pm 8:35 pm - 9:35 pm D and A) - Math    Session One	Th T	STAFF, L STAFF, L	TONLINELIV TONLINELIV
This class is for students pr	eparing to complete the Math porti	on of the GED Test.		
For more information, pleas Phone: 213-763-3754 Text: 213-293-9047	e contact Academic Connections:			
Real-time meetings are req	uired as scheduled. All activities a	re online.		

(Starts 08/26/2024, Ends 10/20/2024)

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room			
18852	LEC	8:00 am - 8:59 am	TTh	STAFF, L	TONLINELIV			
	meetings are require Connections - Com	ed as scheduled. All activities a puter Literacy	are online.					
This class	is for students who	wish to develop their computer	literacy skills.					
Phone: 213 Text: 213-2	For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-9047 (Starts 08/26/2024, Ends 10/20/2024)							
18854	LAB	9:00 am - 11:05 am	TTh	STAFF, L	TONLINELIV			
	meetings are require Connections - Com	ed as scheduled. All activities a puter Literacy	are online.					
This class	is for students who	wish to develop their computer	literacy skills.					
Phone: 213 Text: 213-2	3-763-3754	contact Academic Connections:	:					
18867	LEC Connections - Com	8:00 am - 9:05 am	TTh	STAFF, L	TONLINELIV			
This class	is for students who	wish to develop their computer	literacy skills.					
	3-763-3754	contact Academic Connections:	:					
	meetings are require 1/2024, Ends 12/15/20	ed as scheduled. All activities a 24)	are online.					
18868 Academic	LAB Connections - Com	9:10 am - 11:20 am puter Literacy	TTh	STAFF, L	TONLINELIV			
This class	This class is for students who wish to develop their computer literacy skills.							
Phone: 21	For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-9047							
	meetings are require	ed as scheduled. All activities a	are online.					

(Starts 10/21/2024, Ends 12/15/2024)

# LA Trade-Technical College

23932 (Starts 10/21	LEC /2024, Ends 12/15/202	8:00 am - 10:00 am	F	STAFF, L	D3-109N
AND	/2024, Ends 12/13/202				
23933	LAB /2024, Ends 12/15/202	10:05 am - 3:55 pm	F	STAFF, L	D3-109N
20130	LEC	8:30 am - 9:30 am	Th	STAFF, L	OFF CAMP
Stevenson		8.30 am - 9.30 am	111	STAFF, L	
AND	Toyban				
20131	LAB	9:40 am - 12:00 pm	Th	STAFF, L	OFF CAMP
Stevenson	Royball				
20103	LEC	9:00 am - 10:05 am	W	STAFF, L	OFF CAMP
Diego Rive					
	/2024, Ends 12/15/202	24)			
AND					
20095	LAB	10:15 am - 12:35 pm	W	STAFF, L	OFF CAMP
	iego Rivera.				
	/2024, Ends 12/15/202				
20108	LEC	10:00 am - 11:00 am	MW	STAFF, L	C4-304
•	/2024, Ends 12/15/202	24)			
AND					
20109	LAB	11:10 am - 1:20 pm	MW	STAFF, L	C4-304
	/2024, Ends 12/15/202	,	<del>~~</del> ,		
19988	LEC	6:00 pm - 7:05 pm	TTh	STAFF, L	TONLINELIV
Instruction i		d as scheduled. All activities are 24)	online.		
19989	LAB	7:15 pm - 9:05 pm	TTh	STAFF, L	TONLINELIV
Instruction i		d as scheduled. All activities are	online.		
19990	LEC	6:00 pm - 7:00 pm	TTh	STAFF, L	TONLINELIV
		d as scheduled. All activities are	online.		
Instruction i					
	/2024, Ends 10/20/202	24)			
AND		7.40	<b>TT</b> 1		
19991	LAB	7:10 pm - 8:40 pm	TTh	STAFF, L	TONLINELIV
Pool time n	nontings are require	d as scheduled. All activities are	onlino		
Instruction i		d as scheduled. All activities are	oninie.		
	/2024, Ends 10/20/202	24)			
19992	LEC	6:00 pm - 7:15 pm	TTh	STAFF, L	TONLINELIV
10002	220			017411, 2	
Instruction i (Starts 10/21		d as scheduled. All activities are 24)	online.		
<b>AND</b>		7:25 pm 0:05 pm	тть	STAFE I	
19993	LAB	7:25 pm - 9:05 pm	TTh	STAFF, L	TONLINELIV
Real-time n		d as scheduled. All activities are	online.		

Instruction in Spanish. (Starts 10/21/2024, Ends 12/15/2024)

# LA Trade-Technical College

20031	LEC	6:00 pm - 7:00 pm	TTh	STAFF, L	TONLINELIV				
Instruction	Real-time meetings are required as scheduled. All activities are online. Instruction in Spanish. (Starts 08/26/2024, Ends 10/20/2024)								
20032	LAB	7:10 pm - 8:45 pm	TTh	STAFF, L	TONLINELIV				
Instruction	meetings are require in Spanish. 6/2024, Ends 10/20/20	ed as scheduled. All activities ar	e online.						
19987	LEC	6:00 pm - 7:10 pm	TTh	STAFF, L	D3-109N				
Instruction	meetings are require in Spanish. 1/2024, Ends 12/15/20	ed as scheduled. All activities ar	e online.						
19998	LAB	7:25 pm - 9:05 pm	TTh	STAFF, L	D3-109N				
Instruction	meetings are require in Spanish. 1/2024, Ends 12/15/20	ed as scheduled. All activities ar	e online.						
	LEC in Spanish. 6/2024, Ends 10/20/20	6:00 pm - 7:50 pm )24)	Т	STAFF, L	D3-109N				
19997 And Instruction	LAB LAB in Spanish. 6/2024, Ends 10/20/20	8:00 pm - 9:20 pm 8:00 pm - 9:20 pm	T Th	STAFF, L STAFF, L	D3-109N D3-109N				
BSICS	KL 075CE- I	ntroduction To Pos	t-Secondary	Education (Repea	table) - 0 Unit				
		econdary Education	_		_				
Class No	Component	Start/End Time	Days	Instructor	Room				
23757 CRCD loca (Starts 09/20	LEC ation. 0/2024, Ends 10/26/20	11:00 am - 12:15 pm <sup>024)</sup>	F	STAFF, L	OFF CAMP				
23904 CRCD (Starts 10/2)	LEC 8/2024, Ends 12/15/20	11:00 am - 12:30 pm	F	STAFF, L	OFF CAMP				
22428	LEC	0:30 hrs/wk	ТВА	Peoples, T E	TONLINENO				

No real-time meetings are required. All activities are online.

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

Fundam	Fundamental For Workplace Success - Teamwork								
Class	Component	Start/End Time	Days	Instructor	Room				
No									
15323	LEC	2:05 hrs/wk	TBA	STAFF, L	TONLINENO				
15323	LEC	2:05 hrs/wk	TBA	STAFF, L	TONLINENO				

Real-time meetings are required as scheduled. All activities are online.

# LA Trade-Technical College

#### BSICSKL 078CE- Fundamentals For Workplace Success II -Effective Communication And Leadership Skills (Repeatable) - 0 Unit

 Fundamentals For Workplace Success II -Effective Communication And Leadership Skills

 Class No
 Component Start/End Time
 Days
 Instructor
 Room

 22429
 LEC
 2:05 hrs/wk
 TBA
 STAFF, L
 TONLINENO

No real-time meetings are required. All activities are online.

#### **BSICSKL 129CE- Bilingual GED Preparation: Literature and Language Arts** (Repeatable) - 0 Unit

This course prepares adult speakers of other languages for the General Educational Development (GED) Reasoning Through Language Arts exam. Skills competencies include ability to read and analyze material from a variety of informational and literary sources. Students will use the evidence found in source content to develop and write convincing arguments in a cohesive and coherent format and demonstrate fluency in grammar and the conventions of English.

Class No	Component	Start/End Time	Days	Instructor	Room
22650 Taught in S (Starts 10/21	LEC panish /2024, Ends 12/15/20	12:00 pm - 3:05 pm <sup>24)</sup>	MW	STAFF, L	C4-307
22649 Taught in S (Starts 08/26	LEC panish /2024, Ends 10/20/20	6:00 pm - 9:00 pm <sup>24)</sup>	TTh	STAFF, L	C4-320

#### BSICSKL 130CE- Bilingual GED Preparation: Social Studies (Repeatable) - 0 Unit

This course prepares adult speakers of other languages for the General Educational Development (GED): Social Studies exam. Topics covered in the course include Civics and Government, U.S. History, Economics, and Geography and the World.

Class No	Component	Start/End Time	Days	Instructor	Room
22608 Taught in S (Starts 10/21	LEC panish /2024, Ends 12/15/20	6:00 pm - 9:35 pm <sup>24)</sup>	MW	STAFF, L	C4-320

#### **BSICSKL 131CE- Bilingual GED Preparation: Mathematics (Repeatable) - 0 Unit**

This course prepares adult speakers of other languages for the General Educational Development (GED): Mathematics Test. Skill competencies include math computation and applied math for statistics and data analysis, probabilities, algebraic and geometric functions, problem solving and reasoning.

Class No	Component	Start/End Time	Days	Instructor	Room
22610 Taught in	LEC Spanish	6:00 pm - 9:35 pm	MW	STAFF, L	D3-108
0	26/2024, Ends 10/20/20	024)			

#### **BSICSKL 132CE- Bilingual GED Preparation: Science (Repeatable) - 0 Unit**

This course prepares adult speakers of other languages for the General Educational Development (GED): Science Test. Topics covered in the course include life science, physical science, chemistry, and earth and

# LA Trade-Technical College

space science.

space s							
Class	Component	Start/End Time	Davs	Instructor	Room		
No	••••						
22609	LEC	6:00 pm - 9:35 pm	TTh	STAFF, L	C4-304		
Taught in Spanish							
(Starts 10/2	(Starts 10/21/2024, Ends 12/15/2024)						

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12089 <b>AND</b>	LEC	11:40 am - 2:50 pm	Sa	Barr, C R	B3-308	
12107	LAB	8:00 am - 11:10 am	Sa	Barr, C R	C4-468	
20884 <b>AND</b>	LEC	9:35 am - 11:00 am	MW	Robin, A N	B3 305	
20885	LAB	8:00 am - 9:25 am	MW	Robin, A N	C4-468	
11944	LEC	12:00 pm - 1:25 pm	TTh	Olsen, B D	B3-308	
<b>AND</b> 11953	LAB	1:35 pm - 3:00 pm	TTh	Olsen, B D	C4-408	
17592	LEC	7:35 pm - 9:00 pm	MW	Aniceto, E	B3-308	
<b>AND</b> 17593	LAB	6:00 pm - 7:25 pm	MW	Aniceto, E	C4-408	
12050	LEC	6:00 pm - 7:25 pm	TTh	Rivera, I	B3-308	
<b>AND</b> 12058	LAB	7:35 pm - 9:00 pm	TTh	Rivera, I	C4-408	
14942	LEC	3:10 hrs/wk	ТВА	MacDonald, B S	TONLINENO	
Some in pe <b>AND</b>	erson meetings are i	equired as scheduled. The remain	aining activities are or	nline.		
14943	LAB	9:30 am - 12:40 pm	Th	MacDonald, B S	C4-468	
Some in pe	erson meetings are i	equired as scheduled. The remain	aining activities are or	nline.		
25332	LEC	3:10 hrs/wk	ТВА	Aguilar, J	TONLINENO	
No real-tim <b>AND</b>	e meetings are requ	uired. All activities are online.				
25333	LAB	3:10 hrs/wk	ТВА	Aguilar, J	TONLINENO	
No real-time meetings are required. All activities are online.						

No real-time meetings are required. All activities are online. BIOLOGY 005- Introduction To Human Biology (UC/CSU) - 4 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
12617 <b>AND</b>	LEC	8:00 am - 11:10 am	Sa	Mirzatoni, A	B3-309
12620	LAB	11:40 am - 2:50 pm	Sa	Mirzatoni, A	C4-408
20886 <b>AND</b>	LEC	9:35 am - 11:00 am	MW	Lai, H	B3-308
20887	LAB	11:20 am - 12:45 pm	MW	Lai, H	C4-408
12625 <b>AND</b>	LEC	2:35 pm - 4:00 pm	TTh	Abdulmalek, S	C4-468
12630	LAB	1:00 pm - 2:25 pm	TTh	Abdulmalek, S	C4-468
20888 <b>AND</b>	LEC	4:10 pm - 5:35 pm	MW	Lai, H	B3-308
20889	LAB	2:35 pm - 4:00 pm	MW	Lai, H	C4-408
12633 <b>AND</b>	LEC	6:00 pm - 7:25 pm	MW	Roberts, J S	B3-308
<b>AND</b> 12637	LAB	7:35 pm - 9:00 pm	MW	Roberts, J S	C4-468
14910	LEC	3:10 hrs/wk	ТВА	Harris, K	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online.

#### AND

14911	LAB	9:10 am - 12:20 pm	F	Harris, K	C4-468
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Some in person meetings are required as scheduled. The remaining activities are online.

#### 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<br/>cellular biology, metabolism, genetics, molecular biology, and the relationship between form and function of<br/>living organisms. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.ClassComponentStart/End TimeDaysInstructorRoom

No	-		-		
12670	LEC	8:00 am - 9:25 am	MW	Pantastico Caldas, M C	B3-308
AND					
12672	LAB	9:35 am - 12:45 pm	MW	Pantastico Caldas, M C	C4-468

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	

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No						
16035	LEC	3:10 hrs/wk	TBA	Aguilar, J	TONLINENO	
Some in person meetings are required as scheduled. The remaining activities are online.						
AND						
16036	LAB	12:50 pm - 4:00 pm	MW	Aguilar, J	C4-468	

Some in person meetings are required as scheduled. The remaining activities are online.

#### Biotechnology

#### **BIOTECH 012- Introduction To Biomanufacturing II (CSU) - 4 Units**

#### Enrollment Requirement: Prerequisite: BIOTECH 010

This course expands on concepts from Introduction to Biomanufacturing I. It focuses on cell cultures, proteins and separation techniques as it applies to manufacturing products. The course also emphasizes environmental control in the industry. Laboratory focuses on applying techniques in molecular biology and chemistry to produce and assess a final product.

Class No	Component	Start/End Time	Days	Instructor	Room
20834 <b>AND</b>	LEC	8:00 am - 11:10 am	Т	Acosta, M	C4-424
20835	LAB	8:00 am - 11:10 am	Th	Acosta, M	C4-424

#### Bldg Construction Techniques BLDGCTQ 010- Energy And Utility Industry Careers - 3 Units

This course reviews the hot jobs in the energy and utility industry. and outlines a method for the student to decide on their career path. Hiring process and interview skills will be explored. Fitness for duty and other physical and physiological characteristics will be discussed. An A to Z guide to private, State, Federal, and international career opportunities will be presented.

Class No	Component	Start/End Time	Days	Instructor	Room
17540	LEC	6:00 pm - 9:10 pm	Th	ladevaia, R E	TONLINELIV

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12817	LEC	6:00 pm - 9:10 pm	F	Whitaker, J K	E2-200B

#### BLDGCTQ 102- O.S.H.A. Based 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.

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Class No	Component	Start/End Time	Days	Instructor	Room
12820	LEC	6:00 pm - 8:05 pm	Т	Wagenbach, A J	TONLINELIV

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
Alliance Dr. 644 W 17th	LEC ership Program sect . Olga Mohan High : o St., s, CA 90015	-	WF	STAFF, L	OFF CAMP	
Enrollment	and participation or	ly for Alliance Dr. Olga Mohan I	High School students	as a part of a CCAP-AB288 a	greement.	
This class s	section will meet in-	person at Alliance Dr. Olga Moh	an High School.			
For more in	formation, please c	ontact the k12 Partnership Prog	ram at (213) 763-396	6.		
14934	LEC	8:35 am - 11:45 am	М	Johnson, E R	C4-208	
Alliance Dr. 644 W 17th	LEC ership Program sect . Olga Mohan High 3 o St., s, CA 90015		WF	STAFF, L	OFF CAMP	
Enrollment	and participation or	ly for Alliance Dr. Olga Mohan I	High School students	as a part of a CCAP-AB288 a	greement.	
This class s	section will meet in-	person at Alliance Dr. Olga Moh	an High School.			
For more information, please contact the k12 Partnership Program at (213) 763-3966.						
Boyle Heigh 544 S Math	LEC ership Program sect hts Continuation Hig news St., s, CA 90033		MW	STAFF, L	OFF CAMP	

Enrollment and participation only for Boyle Heights Continuation High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at Boyle Heights Continuation High School.

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For more information, please contact the k12 Partnership Program at (213) 763-3966.

11817	LEC	1:35 pm - 4:45 pm	W	Gary, K L	C4-210
11810	LEC	3:10 hrs/wk	ТВА	Sonnier, G D	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
11823	LEC	6:30 hrs/wk	ТВА	Wilson-Aus, A M	TONLINENO
	ne meetings are requ 1/2024, Ends 12/15/20	uired. All activities are online. 124)			
15372	LEC	6:30 hrs/wk	ТВА	Wilson-Aus, A M	TONLINENO
	ne meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 224)			
23287	LEC	3:10 hrs/wk	ТВА	Sonnier, G D	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
Alliance Te 2050 N Sa	LEC ership Program sect ennenbaum Family n Fernando Rd., es, CA 90065	3:10 hrs/wk tion] Technology High School	ТВА	STAFF, L	TONLINENO

Enrollment and participation only for Alliance Tennenbaum Family Technology High School students as a part of a CCAP-AB288 agreement.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

# BUS 005- Business Law I (UC/CSU) - 3 Units

Dusiness	DUSITIESS LAW I						
Class	Component	Start/End Time	Days	Instructor	Room		
No	•		•				
Communica 6100 S Cer	•••	8:30 am - 9:55 am on] School at Diego Rivera Learning	WF g Complex	STAFF, L	OFF CAMP		

Enrollment and participation only for DRLC students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at DRLC.

For more information, please contact the k12 Partnership Program at (323) 999-1217.

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25549 [k12 Partne STEAM Ac	LEC ership Program sect ademy	9:00 am - 12:50 pm lion]	Sa	STAFF, L	TBA 1
Enrollment	and participation is	open to all students.			
This class	section will meet in-	person at LATTC.			
	nformation, please o 9/2024, Ends 12/15/20	contact the k12 Partnership Prog	ıram at (213) 763-396	6.	
19445	LEC	1:35 pm - 4:45 pm	Μ	Gary, K L	C4-210
12100	LEC	3:10 hrs/wk	ТВА	Sonnier, G D	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
12104	LEC	3:10 hrs/wk	ТВА	Sonnier, G D	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
25394	LEC	3:10 hrs/wk	ТВА	Sonnier, G D	TONLINENO

No real-time meetings are required. All activities are online.

#### BUS 022- The Business Of Electronic Commerce (UC/CSU) - 3 Units

This comprehensive course will provide students emerging online technologies and future trends with respectto e-commerce. In addition to the early development of e-commerce success, e-marketing, online paymentmethods, spamming, phising, identity theft, and other e-commerce components will be explored.ClassComponentStart/End TimeDaysNo

25287	LEC	6:30 hrs/wk	TBA	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room		
25411 <b>AND</b>	LEC	9:00 am - 11:05 am	Μ	STAFF, L	C4-222		
25412	LAB	9:00 am - 11:05 am	W	STAFF, L	C4-208		
12204	LEC	2:05 hrs/wk	ТВА	Sonnier, G D	TONLINENO		
No real-time meetings are required. All activities are online. AND							
12206	LAB	2:05 hrs/wk	ТВА	Sonnier, G D	TONLINENO		

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No real-time meetings are required. All activities are online.

19498	LEC	4:15 hrs/wk	ТВА	Wilson-Aus, A M	TONLINENO
	e meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 24)			
19499	LAB	4:15 hrs/wk	ТВА	Wilson-Aus, A M	TONLINENO
	e meetings are requ 5/2024, Ends 10/20/20	uired. All activities are online. 24)			
25409	LEC	2:05 hrs/wk	ТВА	STAFF, L	TONLINENO
Some in pe AND	erson meetings are i	required as scheduled. The remain	aining activities are or	nline.	
25410	LAB	4:00 pm - 6:05 pm	Th	STAFF, L	C4-208

Some in person meetings are required as scheduled. The remaining activities are online.

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12233	LEC	9:00 am - 12:10 pm	Т	Gary, K L	C4-210
20798	LEC	9:00 am - 12:10 pm	W	Gary, K L	C4-210
25413	LEC	1:10 pm - 4:20 pm	Th	STAFF, L	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

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

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

Coopera	ative Education	- Business			
Class	Component	Start/End Time	Days	Instructor	Room
No					
15329	LEC	4:30 hrs/wk	TBA	Dam, M C	TONLINENO

No real-time meetings are required. All activities are online. (Starts 09/02/2024, Ends 12/15/2024)

# COUNSELING COUNSEL 001- Introduction To College (CSU) - 1 Unit

Designed to provide students with skills needed to succeed in college. Emphasis is placed on college policies, procedures, campus services and resources, study skills, time management, and developing a student educational plan (SEP) to meet those goals. Additional topics include: Certificate, associate degree

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#### requirements, and transfer admission requirements.

Class No	Component	Start/End Time	Days	Instructor	Room
18714	LEC	9:30 am - 11:00 am	Sa	STAFF, L	TONLINELIV
And	LEC	1:30 hrs/wk	TBA	STAFF, L	TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 09/02/2024, Ends 10/06/2024)

#### 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. Class Component Start/End Time Days Instructor Room No 19169 LEC 0:50 hrs/wk TBA Cole. L E TONLINENO

No real-time meetings are required. All activities are online.

#### 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).

Class No	Component	Start/End Time	Days	Instructor	Room
20788 (Starts 10/21	LEC /2024, Ends 12/15/20	1:00 pm - 3:20 pm <sup>24)</sup>	Th	STAFF, L	E5-301

#### 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).

Class No	Component	Start/End Time	Days	Instructor	Room
17754	LEC	4:15 hrs/wk	ТВА	Olguin, S	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### COUNSEL 020- Post-Secondary Education: The Scope Of Career Planning (UC/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

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provide students with an overview of campus resources and policies. A student educational plan (SEP) will be developed.

develop	ed.				,				
Class No	Component	Start/End Time	Days	Instructor	Room				
Alliance Di 644 W 17t	26077LEC8:30 am - 9:55 amTThSTAFF, LOFF CAMP[k12 Partnership Program section]Alliance Dr. Olga Mohan High School644 W 17th St.,Los Angeles, CA 90015								
Enrollment	and participation or	nly for Alliance Dr. Olga Mohan	High School students	as a part of a CCAP-AB288 a	agreement.				
This class	section will meet in-	person at Alliance Dr. Olga Moh	nan High School.						
For more i	nformation, please o	contact the k12 Partnership Prog	gram at (213) 763-396	6.					
Augustus I 825 W. 60	LEC LEC ership Program sect Hawkins High Schoo th St., es, CA 90044		F W	STAFF, L STAFF, L	OFF CAMP OFF CAMP				
Enrollment	and participation or	nly for Augustus Hawkins High S	School students as a p	part of a CCAP-AB288 agreen	nent.				
This class	section will meet in-	person at Augustus Hawkins Hi	gh School.						
For more i	nformation, please c	contact the k12 Partnership Prog	gram at (213) 763-396	6.					
25423 And	LEC LEC	11:45 am - 1:15 pm 2:10 hrs/wk	T TBA	STAFF, L STAFF, L	E5-401 TONLINENO				
	erson meetings are 6/2024, Ends 12/15/20	required as scheduled. The rem 24)	aining activities are or	nline.					
Alliance Di 644 W 17t	LEC ership Program sect r. Olga Mohan High h St., es, CA 90015		WF	STAFF, L	OFF CAMP				
Enrollment	and participation or	nly for Alliance Dr. Olga Mohan	High School students	as a part of a CCAP-AB288 a	agreement.				
This class	section will meet in-	person at Alliance Dr. Olga Moh	nan High School.						
For more i	nformation, please c	contact the k12 Partnership Prog	gram at (213) 763-396	6.					
25893       LEC       2:10 pm - 3:35 pm       MTh       STAFF, L       OFF CAMP         [k12 Partnership Program section]       Communication & Technology School at Diego Rivera Learning Complex       6100 S Central Ave.,       Vertical									
Enrollment	and participation or	nly for DRLC students as a part	of a CCAP-AB288 ag	reement.					
This class	section will meet in-	person at DRLC.							

For more information, please contact the k12 Partnership Program at (323) 999-1217.

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25422 LEC 3:10 hrs/wk

Hosseini, A

TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
16544	LEC	2:05 hrs/wk	ТВА	STAFF, L	TONLINENO

TBA

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### COUNSEL 040- College Success Seminar (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

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. UC Credit Limit: 20 and 40 combined. Maximum credit one course.

Class No	Component	Start/End Time	Days	Instructor	Room	
15890	LEC	5:10 hrs/wk	TBA	Mcduffie, E	TONLINENO	

No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 11/17/2024)

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13321 In-Person c	LEC on Campus.	10:40 am - 12:05 pm	TTh	Jordan, N C	F5-107
14385 In-Person c	LEC on Campus.	6:00 pm - 9:10 pm	W	Jordan, N C	E2-105

# **CRPNTRY 111A- Construction Ia (CSU) - 3 Units**

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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.

Class Compo No	nent Start/End Time	Days	Instructor	Room	
13351 LEC In-Person on Campus.	6:00 pm - 9:10 pm	Μ	Acosta, J	E2-136	

#### **CRPNTRY 111B- Construction Ib - 2 Units**

This is the second laboratory course in the Carpentry 111 sequence. This 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 will be the focus of this course.

Class No	Component	Start/End Time	Days	Instructor	Room
19620 In-person c	LAB on campus class.	6:00 pm - 9:10 pm	TTh	Vinson, K J	E2-105

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
21807 In-Person	LAB	8:00 am - 2:30 pm	Sa	Gonzalez, R	E2-105
16254 And In-person c	LAB LAB on campus.	10:45 am - 11:55 am 12:15 pm - 1:25 pm	TTh MWF	Olszewski, J R Olszewski, J R	E2-133

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
13323 In-Person	LAB on Campus.	7:00 am - 10:30 am	MWF	Jordan, N C	E2-136	

#### **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. Class Component Start/End Time Days Instructor Room

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No						
13325	LAB	7:00 am - 10:35 am	TTh	Jordan, N C	F5-107	
In-persor	n on campus.					

#### **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

Class No	Component	Start/End Time	Days	Instructor	Room
13327 In-person	LAB on campus.	10:45 am - 12:00 pm	MWF	Jordan, N C	E2-136

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
13329 In-person	LAB on campus.	7:00 am - 12:05 pm	MWF	Olszewski, J R	E2-133

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
13331	LAB	7:00 am - 10:35 am	TTh	Olszewski, J R	E2-133
In-person	on campus.				

#### CRPNTRY 130- Calculations And Measurement For Woodworking Students II (CSU) - 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13332 In-person o	LEC on campus.	12:05 pm - 1:30 pm	TTh	Blumenfeld, S	E2-133

#### **CRPNTRY 132- Applied Blueprint Reading (CSU) - 3 Units**

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
13335 In-person c	LAB on campus.	8:30 am - 12:05 pm	MW	Alvarez, J L	E2-102

#### **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. Class Component Start/End Time Days Instructor Room

No	Component		Laje		
13337	LEC	7:00 am - 8:25 am	MW	Alvarez, J L	E2-102
In-person	on campus.				

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
13338 In-person ( <b>AND</b>	LEC on campus.	7:00 am - 8:25 am	TTh	Alvarez, J L	E2-102
13340 In-person	LAB on campus.	8:25 am - 10:30 am	TTh	Alvarez, J L	E2-104

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
13342	LAB	7:00 am - 11:15 am	F	Alvarez, J L	E2-102	
In-person on campus.						

#### **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.

	5		1 0			
Class	Component	Start/End Time	Days	Instructor	Room	
No						

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E2-105

13343 LAB	7:00 am - 10:30 am	MWF	Wagenbach, A J
In-person on campus.			

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
13345 In-person	LAB on campus.	7:00 am - 12:50 pm	TTh	Wagenbach, A J	E2-105

#### **CRPNTRY 148- Computer Assisted Estimating I - 3 Units**

Students receive instruction in using specialized software to generate 2D and 3D plans for residential construction. Emphasis will be placed on using the developed plans to generate estimation information including material and cut lists.

Class No	Component	Start/End Time	Days	Instructor	Room
17412	LAB	6:00 pm - 9:10 pm	TTh	Jordan, N C	E2-120
In-person	on campus.				

#### **CRPNTRY 149- Computer Assisted Estimating II (CSU) - 3 Units**

This course includes instruction in advanced computer assisted estimating techniques. students will learn to make design projects with emphasis on material applications, structural design, framing lumber, concrete reinforcement, producing a cost break down and bidding procedures.

Class No	Component	Start/End Time	Days	Instructor	Room	
17414	LAB	6:00 pm - 9:10 pm	TTh	Jordan, N C	E2-120	
In-person	on campus.					

# **CRPNTRY 170- Introduction To Cnc Woodworking Machining And Programming (CSU)** - 3 Units

This course presents an introduction to the use of a CNC router. Topics include safety, feed speeds, spindlespeeds, tooling , setups and programming to include related attachments and accessories for the machine.ClassComponentStart/End TimeDaysInstructorRoom

No					
21509	LAB	1:00 pm - 4:10 pm	MW	Blumenfeld, S	E2-120
In-person	class.				

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

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education. 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

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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	
14079 In-person o	LEC on campus (1 to 2 m	4:25 hrs/wk neeting).	ТВА	Blumenfeld, S	E2-105	

# Chemistry

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

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

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.

Class No	Component	Start/End Time	Days	Instructor	Room		
20846 And	LEC LEC	7:30 am - 8:55 am 9:00 am - 10:05 am	WF F	Shukla, B Shukla, B	F5-201 F5-201		
AND							
20847	LAB	9:05 am - 12:15 pm	W	Amorin, C A	C4-464		
26148 <b>AND</b>	LEC	8:00 am - 12:15 pm	Su	STAFF, L	C4-420		
26149	LAB	12:20 pm - 3:30 pm	Su	STAFF, L	C4-464		
25919 [k12 Partne	LEC ership Program secti	8:30 am - 10:35 am	MW	STAFF, L	OFF CAMP		
lovine and 4120 11th Los Angele	Young Center - Inte Ave., es, CA 90008	grated Design, Technology, and ly for IDTEM students as a part		•			
This class	section will meet in-	person at IDTEM.					
For more ir <b>AND</b>	nformation, please c	ontact the k12 Partnership Prog	ram at (323) 999-121	7.			
25920	LAB ership Program sect	8:30 am - 9:55 am ion]	TTh	STAFF, L	OFF CAMP		
lovine and 4120 11th	lovine and Young Center - Integrated Design, Technology, and Entrepreneurship Magnet 4120 11th Ave., Los Angeles, CA 90008						
Enrollment and participation only for IDTEM students as a part of a CCAP-AB288 agreement.							
This class	This class section will meet in-person at IDTEM.						

For more information, please contact the k12 Partnership Program at (323) 999-1217.

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20840 <b>AND</b>	LEC	9:00 am - 1:15 pm	Th	STAFF, L	C4-406	
20841	LAB	9:05 am - 12:15 pm	Т	STAFF, L	C4-464	
14656 And	LEC LEC	10:45 am - 1:50 pm 2:00 pm - 3:05 pm	Th Th	Shukla Deo, C Shukla, B	TONLINELIV TONLINELIV	
Some in pe <b>AND</b>	erson meetings are r	equired as scheduled. The rema	aining activities are or	line.		
14655	LAB	12:20 pm - 3:30 pm	Т	Shukla Deo, C	C4-464	
Some in pe	erson meetings are r	equired as scheduled. The remain	aining activities are or	nline.		
16273 <b>AND</b>	LEC	1:15 pm - 3:20 pm	MW	Lee, H	F5-415	
16274	LAB	3:35 pm - 6:45 pm	Μ	Lee, H	C4-464	
11132 <b>AND</b>	LEC	3:00 pm - 7:15 pm	Μ	Diaz, M	F5-210	
11136	LAB	3:35 pm - 6:45 pm	W	Diaz, M	C4-464	
16271	LEC	4:30 pm - 6:35 pm	TTh	STAFF, L	C4-406	
<b>AND</b> 16272	LAB	6:50 pm - 10:00 pm	Т	STAFF, L	C4-464	
11210	LEC	4:15 hrs/wk	TBA	Harper Delupio, R V	TONLINENO	
Some in pe <b>AND</b>	erson meetings are r	equired as scheduled. The remain	aining activities are or	nline.		
11217	LAB	6:50 pm - 10:00 pm	Th	Harper Delupio, R V	C4-464	
Some in pe	erson meetings are r	equired as scheduled. The remain	aining activities are or	nline.		
19270	LEC	4:15 hrs/wk	TBA	Houben, K F	TONLINENO	
Some in person meetings are required as scheduled. The remaining activities are online. <b>AND</b>						
19271	LAB	12:20 pm - 3:30 pm	F	Houben, K F	C4-464	
Some in person meetings are required as scheduled. The remaining activities are online.						

#### 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, nutrition, 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.

Class No	Component	Start/End Time	Days	Instructor	Room
15302 <b>AND</b>	LEC	7:30 am - 8:55 am	MW	Lee, H	C4-406
15303	LAB	9:05 am - 12:15 pm	MW	Lee, H	C4-466

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12122 <b>AND</b>	LEC	8:00 am - 11:10 am	Sa	Babajide, R M	C4-406
12124	LAB	11:40 am - 6:10 pm	Sa	Babajide, R M	C4-466
16269	LEC	8:00 am - 11:10 am	F	Lee, H	C4-406
<b>AND</b> 16270	LAB	11:40 am - 6:10 pm	F	Lee, H	C4-466
12133 And <b>AND</b>	LEC LEC	10:45 am - 12:10 pm 10:45 am - 12:10 pm	M W	Houben, K F Houben, K F	C4-406 C4-406
12134	LAB	12:20 pm - 3:30 pm	MW	Houben, K F	C4-464
12140 <b>AND</b>	LEC	10:45 am - 12:10 pm	TTh	Babajide, R M	F5-210
12144	LAB	12:20 pm - 3:30 pm	TTh	Babajide, R M	C4-466
14539 <b>AND</b>	LEC	2:00 pm - 3:25 pm	MW	Dhar, G	C4-406
14557	LAB	3:35 pm - 6:45 pm	MW	Dhar, G	C4-466
12150 <b>AND</b>	LEC	5:15 pm - 6:40 pm	TTh	Floruti, A R	C4-422
12154	LAB	6:50 pm - 10:00 pm	TTh	Floruti, A R	C4-466

#### 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, nutrition, 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 guantitative analysis.

Class No	Component	Start/End Time	Days	Instructor	Room
21842 <b>AND</b>	LEC	7:30 am - 8:55 am	TTh	Diaz, M	C4-420
21843	LAB	9:05 am - 12:15 pm	TTh	Diaz, M	C4-466
12268 <b>AND</b>	LEC	10:45 am - 12:10 pm	MW	Acosta, M	C4-424
12269	LAB	12:20 pm - 3:30 pm	MW	Acosta, M	C4-466

#### CHEM 185- Directed Study - Chemistry (CSU) - 1 Unit

Directed Study - Chemistry

Class No	Component	Start/End Time	Days	Instructor	Room
20003	LEC	0:50 hrs/wk	ТВА	Diaz, M	C4-464

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

#### Requirement Designation: Enrollment Requirement:

*Meets IGETC 5A 5C CSU B1 B3* 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12303 <b>AND</b>	LEC	5:15 pm - 6:40 pm	MW	Acosta, M	C4-424
12304	LAB	6:50 pm - 10:00 pm	MW	Acosta, M	C4-464

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
19366 <b>AND</b>	LEC	2:00 pm - 3:25 pm	TTh	Diaz, M	F5-208
19367	LAB	3:35 pm - 6:45 pm	TTh	Diaz, M	C4-464

#### CHEM 385- Directed Study - Chemistry (CSU) - 3 Units

Directed Study - Chemistry							
Class	Component	Start/End Time	Days	Instructor	Room		
No							

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22751 LEC 10:00 am - 1:10 pm Sa Clark, E J F5-413 Please note: This is a Drone Class. It prepares students to work with and operate Drones. It helps students to prepare so they can consider taking the FAA Part I07 Test for a Remote Pilot License. This Training will open doors for many job opportunities.

#### Chicano Studies CHICANO 007- The Mexican-American In The History Of The United States I (UC/CSU) -3 Units

Requirement Designation: Meets IGETC-4 CSU-D F

Enrollment Requirement: Advisory: ENGLISH 101

A survey of United States history as it relates to the development of the Chicano in the United States with a special emphasis on Mexican-American contributions to the development of American civilization. This course covers Pre-Columbian and Mexican colonial periods, the northward advance and settlement of the present day U.S. Southwest/Southeast. Topics also include a background in the political and social development of both the United States and Mexico, the role and impact of the American Revolution, U.S. Constitution, and the Bill of Rights.

Class No	Component	Start/End Time	Days	Instructor	Room	
17795	LEC	11:45 am - 1:10 pm	TTh	Victoria, J	F5-313	
22767	LEC	11:45 am - 1:10 pm	MW	STAFF, L	F5-413	
17794	LEC	3:10 hrs/wk	TBA	Victoria, J	TONLINENO	
No real-tim	ne meetings are requ	uired. All activities are online.				
22766	LEC	3:10 hrs/wk	TBA	STAFF, L	TONLINENO	
No real-tim	ne meetings are requ	uired. All activities are online.				
23323	LEC	3:35 hrs/wk	TBA	STAFF, L	TONLINENO	
No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 12/15/2024)						
25489 [k12 Partne STEAM Ac	LEC ership Program sect cademy	3:35 hrs/wk ion]	ТВА	STAFF, L	TONLINENO	

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

# CHICANO 008- The Mexican-American In The History Of The United States II (UC/CSU) -3 Units

Requirement Designation: Meets IGETC 4 CSU D F US-1

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#### Enrollment Requirement: Advisory: ENGLISH 101

Concentrates on Mexican American history of the nineteenth and twentieth centuries. Discussion centers on the participation, contributions, and experiences by Mexican Americans. Major areas include the sociohistorical, political, judicial, legislative, economic and educational experiences. Topics include the Mexican American Southwest, the U.S Mexico War, American Expansionism, U.S. Treaties, U.S. Constitution, Bill of Rights, California Constitution, desegregation struggle, American Nativism, Mexican Repatriation, WWII, Zoot-Suit Riots, Bracero Program, Mexican American Labor Movement and the Chicano Movement and their impact on political participation. This course fulfills the American History and Institutions requirements under Social Sciences (Section D), both under U.S. History and Political science components.

Class No	Component	Start/End Time	Days	Instructor	Room	
19084	LEC	11:45 am - 1:10 pm	MW	Victoria, J	F5-313	
22769	LEC	1:25 pm - 2:50 pm	TTh	STAFF, L	F5-312	
17796	LEC	3:10 hrs/wk	ТВА	Victoria, J	TONLINENO	
No real-time meetings are required. All activities are online.						
19160	LEC	3:10 hrs/wk	ТВА	Victoria, J	TONLINENO	

No real-time meetings are required. All activities are online.

# **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.

Class No	Component	Start/End Time	Days	Instructor	Room
14946 (Starts 08/26	LEC 6/2024, Ends 10/20/20	8:35 am - 11:45 am <sup>24)</sup>	TTh	Patron, A	C4-321
19383	LEC	9:00 am - 12:10 pm	Sa	STAFF, L	C4-222
25550 [k12 Partne STEAM Ac	LEC ership Program sect ademy	9:00 am - 12:50 pm ion]	Sa	STAFF, L	TBA 1

Enrollment and participation is open to all students.

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This class section will meet in-person at LATTC.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

Augustus I 825 W. 60	LEC LEC ership Program sect Hawkins High Schoo th St., es, CA 90044	-	T Th	STAFF, L STAFF, L	OFF CAMP OFF CAMP
Enrollment	and participation or	nly for Augustus Hawkins High S	School students as a p	art of a CCAP-AB288 agreem	nent.
This class	section will meet in-	person at Augustus Hawkins Hig	gh School.		
For more in	nformation, please c	contact the k12 Partnership Prog	gram at (213) 763-396	6.	
21793	LEC	1:30 pm - 4:40 pm	т	STAFF, L	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
16146	LEC	6:00 pm - 9:10 pm	Μ	Velasco, P	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities are	e online.		
12966	LEC	6:30 hrs/wk	ТВА	Maina, R G	TONLINENO
	ne meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 24)			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
20780	LEC	8:35 am - 12:10 pm	Μ	Kelley, K M	TONLINELIV
Real-time r	meetings are require	ed as scheduled. All activities are	e online.		
16145	LEC	6:00 pm - 9:10 pm	Т	Gomez, E A	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

# 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 8. 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

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physical sciences.

Class No	Component	Start/End Time	Days	Instructor	Room
13113	LEC	1:30 pm - 4:40 pm	Th	Patron, A	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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

Class No	Component	Start/End Time	Days	Instructor	Room
19444	LEC	9:00 am - 12:10 pm	F	Dickerson, D E	C4-222
13152	LEC	3:10 hrs/wk	ТВА	Patron, A	TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
14949	LEC	1:30 pm - 4:40 pm	W	Maina, R G	TONLINELIV	
Real-time	meetings are require	ed as scheduled. All activities	are online.			
10252	LEC	6:00 pm - 9:10 pm	W	STAFF, L	C4-222	

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

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10444 LEC 1:30 pm - 3:35 pm W STAFF, L TONLINELIV The LECTURE part of this class will be offered synchronous online which REQUIRES students to meet on Zoom with their instructor during the times shown and complete required assignments. .

#### Special Notes

To enroll in practicum, students must have completed CD 1, CD 2, CD 7 and CD 11. Unless a student is working in an approved early childhood program, students will be assigned to do lab hours in an early childhood program.

Students need to have flexibility in their schedules in order to complete the 108 of student teaching. Students must have (2) mornings (4) hours each day to successfully complete the required 108 lab hours.

Students must show proof of immunization for Covid-19, Pertussis, Measles and Influenza to participate with preschool children in-person. Students must also show proof of a current negative TB test.

#### AND

10450LAB6:45 hrs/wkTBALovett, M ACD CTRThis LAB portion is in person at a childcare center assigned by the instructor.

#### **Special Notes**

To enroll in practicum, students must have completed CD 1, CD 2, CD 7 and CD 11. Unless a student is working in an approved early childhood program, students will be assigned to do lab hours in an early childhood program.

Students need to have flexibility in their schedules in order to complete the 108 of student teaching. Students must have (2) mornings (4) hours each day to successfully complete the required 108 lab hours.

Students must show proof of immunization for Covid-19, Pertussis, Measles and Influenza to participate with preschool children in-person. Students must also show proof of a current negative TB test.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
19611	LEC	6:30 hrs/wk	ТВА	Patron, A	TONLINENO

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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10672	LEC	1:30 pm - 4:40 pm	Т	Patron, A	C4-321
14948	LEC	6:30 hrs/wk	ТВА	Maina, R G	TONLINENO

No real-time meetings are required. All activities are online.

This class requires Parent Teacher Conference Mandatory meeting 7 week of Class Wednesday at 12:30 PM on Zoom with instructor (Starts 10/21/2024, Ends 12/15/2024)

#### 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

Introduction to the administration of early childhood programs. Covers program types, budget, management, regulations, laws, development and implementation of policies and procedures. Examines administrative tools, philosophies, and techniques needed to organize, open, and operate an early care and education program.

Class No	Component	Start/End Time	Days	Instructor	Room	
13940	LEC	6:00 pm - 9:10 pm	Т	STAFF, L	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
19949 (Starts 10/2	LEC 21/2024, Ends 12/15/20	8:35 am - 11:55 am <sup>)24)</sup>	TTh	Patron, A	C4-321	
10824	LEC	1:30 pm - 4:40 pm	М	Martinez, H	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### CH DEV 044- Early Intervention For Children With Special Needs (CSU) - 3 Units

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

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.

Class	Component	Start/End Time	Days	Instructor	Room	
No	-		-			

# LA Trade-Technical College

15240 LEC 6:00 pm - 9:10 pm Th

Dickerson, D E

TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

### CH DEV 046- School Age Programs I (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001

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.

Class No	Component	Start/End Time	Days	Instructor	Room
25490	LEC	9:00 am - 12:10 pm	Т	Maina, R G	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

# CH DEV 941- Cooperative Education - Child Development (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education. 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
17185	LEC	9:00 am - 1:15 pm	Sa	Hardy, L G	C4-321

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
18712	LEC	7:30 am - 9:35 am	MW	Mock, J C	TONLINELIV	
	meetings are require 3/2024, Ends 12/15/20	ed as scheduled. All activities 024)	are online.			
23695	LEC	8:35 am - 10:10 am	MW	Glavan, J J	F5-206	
And	LEC	2:50 hrs/wk	TBA	Glavan, J J	TONLINENO	

Some in person meetings are required as scheduled. The remaining activities are online.

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(Starts 10/21/2024, Ends 12/15/2024)

25222	LEC	8:35 am - 10:00 am	TTh	McDermott, D A	F5-206
18723 (Starts 09/0	LEC 2/2024, Ends 12/15/20	9:00 am - 12:35 pm <sup>124)</sup>	Sa	STAFF, L	F5-206
Augustus I 825 W. 60	LEC LEC ership Program sect Hawkins High Schoo th St., es, CA 90044		T Th	STAFF, L STAFF, L	OFF CAMP OFF CAMP
Enrollment	t and participation or	nly for Augustus Hawkins High S	School students as a p	part of a CCAP-AB288 agreer	nent.
This class	section will meet in-	person at Augustus Hawkins Hig	gh School.		
For more i	nformation, please c	contact the k12 Partnership Prog	gram at (213) 763-396	6.	
18695 And	LEC LEC	10:10 am - 11:35 am 1:25 hrs/wk	W TBA	Glavan, J J Glavan, J J	F5-206 TONLINENO
Some in p	erson meetings are	required as scheduled. The rem	aining activities are o	nline.	
18696 And	LEC LEC	10:10 am - 11:35 am 1:25 hrs/wk	Th TBA	McDermott, D A McDermott, D A	F5-206 TONLINENO
Some in p	erson meetings are	required as scheduled. The rem	aining activities are o	nline.	
20896	LEC	11:45 am - 1:10 pm	MW	Glavan, J J	F5-206
22513	LEC	11:45 am - 1:10 pm	TTh	McDermott, D A	F5-206
25351	LEC	1:20 pm - 2:45 pm	MW	Mock, J C	F5-206
John Frem 7676 San	LEC LEC ership Program sect ont High School Pedro St., es, CA 90003	2:26 pm - 3:23 pm 1:05 hrs/wk ion]	MW TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO

Enrollment and participation only for John Fremont High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at John Fremont High School with additional activities and coursework completed online.

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For more information, please contact the k12 Partnership Program at (213) 763-3966.

25352	LEC	3:00 pm - 4:25 pm	MW	Mock, J C	F5-206
18697	LEC	6:00 pm - 9:10 pm	Μ	Mock, J C	TONLINELIV
Some in p	erson meetings are	required as scheduled. The rem	aining activities are o	nline.	
18708	LEC	6:00 pm - 9:10 pm	Т	Mock, J C	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
18694	LEC	6:00 pm - 9:10 pm	W	Mock, J C	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
18698	LEC	6:00 pm - 9:10 pm	Th	Mock, J C	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
18699	LEC	4:15 hrs/wk	ТВА	McDermott, D A	TONLINENO
	ne meetings are req 6/2024, Ends 11/17/20	uired. All activities are online.			
18709	LEC	6:30 hrs/wk	ТВА	McDermott, D A	TONLINENO
	ne meetings are req 6/2024, Ends 10/20/20	uired. All activities are online. 024)			
18713	LEC	6:30 hrs/wk	ТВА	Glavan, J J	TONLINENO
No real-tin (Starts 09/2	ne meetings are req 3/2024, Ends 11/17/20	uired. All activities are online. 024)			
18715	LEC	5:10 hrs/wk	ТВА	Glavan, J J	TONLINENO
	ne meetings are req 7/2024, Ends 12/15/20	uired. All activities are online. 024)			
18719	LEC	6:30 hrs/wk	ТВА	Glavan, J J	TONLINENO
	ne meetings are req 1/2024, Ends 12/15/20	uired. All activities are online. 024)			
18692	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO
No real-tin	ne meetings are req	uired. All activities are online.			
18693	LEC	3:10 hrs/wk	ТВА	Glavan, J J	TONLINENO

No real-time meetings are required. All activities are online.

#### Community Plan/Economic Dev

### COMPLAN 001- Introduction To Community Economic Development (CSU) - 3 Units

This course is an introduction to the theory, history, and practice of community development. The course covers: neighborhood development and community building strategies; land use and real estate development; and business and labor force development strategies used to revitalize urban neighborhoods. Students will produce a neighborhood plan using e-planning tools including: asset maps, an economic development and a workforce development plan.

Class No	Component	Start/End Time	Days	Instructor	Room	
25405	LEC	6:00 pm - 9:10 pm	Μ	STAFF, L	F5-221	

# COMPLAN 007- Contemporary Issues And Strategies In Popular Education And Organizing (CSU) - 3 Units

This course will explore current issues of land use, housing, workers' rights, environmental justice and the fight for jobs in Los Angeles by utilizing field research and direct interaction with local non-profit organizations working to make change in these sectors.

Class No	Component	Start/End Time	Days	Instructor	Room
25408 This class w	LEC vill be taught entirel	6:00 pm - 9:10 pm v in Spanish.	Th	Torres, E	F5-221

#### COMPLAN 009- Commercial Real Estate Development (CSU) - 3 Units

This course will teach students how to develop commercial real estate projects with a specific focus on retail and inner city development. The introductory course builds skills and competencies in land development, developing financing, marketing and leasing of small and mid size commercial projects. Through case studies, simulations and project-based learning, students recognize development strategies and tools used by public, private and non-profit organizations.

Class No	Component	Start/End Time	Days	Instructor	Room
19088	LEC	6:00 pm - 9:10 pm	W	Wilson, J W	F5-423

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
25406 (Starts 09/23	LEC 3/2024, Ends 12/15/20	6:00 pm - 8:50 pm <sup>24)</sup>	Т	Torres, E	F5-221	

#### COMPLAN 106- Elections, Community, Power And Systems Reform In Community Development - 1 Unit

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Students will learn about local and national efforts for elections and systems reform for social change including evaluating successful electoral campaigns

Class No	Component	Start/End Time	Days	Instructor	Room
	LEC 024, Ends 11/12/202	4:30 pm - 6:35 pm	т	STAFF, L	F5-201

#### COMPLAN 200- Strategic Planning & Management Training For Economic Development - 3 Units

This course is focused on the fundamentals of strategic and business planning for organizational staff and will provide tools and opportunities to practice for the organizations.

Class No	Component	Start/End Time	Days	Instructor	Room
25407	LEC	10:00 am - 1:10 pm	Sa	STAFF, L	F5-212
20980 This class v	LEC will be taught entirel	6:00 pm - 9:10 pm y in Spanish.	W	Torres, B	F5-221

### **Computer Apps Office Tech**

#### CAOT 002- Computer Keyboarding and Document Applications II (CSU) - 3 Units

Enrollment Requirement: Advisory: CAOT 001

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.

Class No	Component	Start/End Time	Days	Instructor	Room
19025 <b>AND</b>	LEC	8:00 am - 8:50 am	TTh	Bailey, P	C4-320
19026	LAB	9:15 am - 10:40 am	TTh	Bailey, P	C4-320

# CAOT 020- Medical Office Procedures (CSU) - 5 Units

Enrollment Requirement: Advisory: CAOT 001

Class	Office Procedu Component	Start/End Time	Days	Instructor	Room	
No						
20776	LEC	8:30 am - 10:35 am	MW	Haymon, S B	TONLINELIV	
Real-time <b>AND</b>	meetings are require	ed as scheduled. All activities	are online.			
20777	LAB	10:45 am - 11:35 am	MW	Haymon, S B	TONLINELIV	
	•	ed as scheduled. All activities Procedures (CSU)				

Office Pr	ocedures					
Class	Component	Start/End Time	Days	Instructor	Room	
No						

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12349	LEC	10:45 am - 12:50 pm	Μ	Randall, A K	TONLINELIV
Real-time r <b>AND</b>	meetings are require	ed as scheduled. All activities are	e online.		
12350	LAB	10:45 am - 12:50 pm	W	Randall, A K	TONLINELIV
	0	ed as scheduled. All activities are			
CAOT	033- Record	s Management and	Electronic F	iling (CSU) - 3 Uni	ts
Students	s learn creation	, storage, disposition an	d preservation c	of all types of documen	its using alphabetic,
geograp	hic, numeric, a	nd subject methods. Inc	ludes database	management on a mic	rocomputer.

ey, P C4-320
•

14036 LAB	2:45 pm - 4:50 pm	W	Bailey, P	TONLINELIV

Some in person meetings are required as scheduled. The remaining activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
26021	LEC	2:05 hrs/wk	ТВА	Randall, A K	TONLINENO

No real-time meetings are required. All activities are online.

#### CAOT 037- Introduction to Bookkeeping - 3 Units

This course is designed to acquaint students with the principles and practices of bookkeeping. Topics include the fundamentals of double entry bookkeeping, worksheets, and preparation of financial statements.

Class No	Component	Start/End Time	Days	Instructor	Room	
16883	LEC	8:00 am - 11:10 am	F	Bailey, P	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### CAOT 044- Medical Billing and Coding I (CSU) - 3 Units

Students will learn the practice of coding diagnoses and procedures from case studies and sample reports. Students will research local coverage determinations, process general insurance billing claims, and learn the medicare eligibility guidelines.

Class No	Component	Start/End Time	Days	Instructor	Room
17078	LEC	1:30 pm - 4:40 pm	F	Bailey, P	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### CAOT 082- Microsoft Office Suite (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

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
12481	LEC	2:05 hrs/wk	ТВА	Taylor, P A	TONLINENO
No real-time <b>AND</b>	e meetings are requ	ired. All activities are online.			
12483	LAB	3:10 hrs/wk	ТВА	Taylor, P A	TONLINENO
No real-time	e meetings are requ	ired. All activities are online.			
26022	LEC	2:05 hrs/wk	TBA	Randall, A K	TONLINENO
No real-time AND	e meetings are requ	ired. All activities are online.			
26023	LAB	3:10 hrs/wk	ТВА	Randall, A K	TONLINENO

No real-time meetings are required. All activities are online.

#### CAOT 084- Microsoft Word (CSU) - 3 Units

#### Enrollment Requirement: Advisory: CAOT 001

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.

Class No	Component	Start/End Time	Days	Instructor	Room		
12535	LEC	2:05 hrs/wk	TBA	Randall, A K	TONLINENO		
No real-tim	ne meetings are req	uired. All activities are onlin	e.				
12538	LAB	3:10 hrs/wk	TBA	Randall, A K	TONLINENO		
No real-time meetings are required. All activities are online. CAOT 085- Microsoft Excel: Spreadsheet (CSU) - 3 Units Microsoft Excel: Spreadsheet							
САОТ	085- Micros ft Excel: Spread	oft Excel: Spread	dsheet (CSU)	) - 3 Units			
САОТ	085- Micros	oft Excel: Spread		) - 3 Units Instructor	Room		
CAOT Microso Class No	085- Micros ft Excel: Spread	oft Excel: Spread	dsheet (CSU)	-	<b>Room</b> TONLINENO		
CAOT Microso Class No 12550	085- Micros ft Excel: Spread Component	oft Excel: Spread dsheet Start/End Time	dsheet (CSU) Days TBA	Instructor			

No real-time meetings are required. All activities are online.

#### Computer Information Systems CIS 102- Computer Concepts (UC/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

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'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.

		eir knowledge with the la			•••
Class No	Component	Start/End Time	Days	Instructor	Room
16875	LEC CO INFO 700	12:00 pm - 2:05 pm	Μ	Lindsey, M P	TONLINELIV
Real-time r <b>AND</b>	meetings are require	ed as scheduled. All activities ar	e online.		
16876	LAB CO INFO 700	12:00 pm - 2:05 pm	W	Lindsey, M P	TONLINELIV
		ed as scheduled. All activities ar			
16152	LEC	2:05 hrs/wk	ТВА	Loney, A J	TONLINENO
	e meetings are requ CO INFO 700	uired. All activities are online.			
16153	LAB	2:05 hrs/wk	ТВА	Loney, A J	TONLINENO
Previously	CO INFO 700	uired. All activities are online.			
	4- MICTOCOM mputer Applica	tion Software	Software (UC	(CSU) - 3 Units	
Class	Component	Start/End Time	Days	Instructor	Room
<b>No</b> 25551	LEC	8:00 am - 10:30 am	Sa	STAFF, L	TBA 1
	ership Program sect		Sa	STAFF, L	IDA I
Enrollment	and participation is	open to all students.			
This class	section will meet in-	person at LATTC.			
		contact the k12 Partnership Proc	gram at (213) 763-396	6.	
(Starts 09/09	9/2024, Ends 12/15/20	24)			
25552 [k12 Partne STEAM Ac	LAB ership Program sect ademy	10:30 am - 1:00 pm ion]	Sa	STAFF, L	TBA 1
Enrollment	and participation is	open to all students.			
This class s	section will meet in-	person at LATTC.			
		contact the k12 Partnership Proc	gram at (213) 763-396	6.	
16189	9/2024, Ends 12/15/20 LEC :O INFO 701	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
	e meetings are requ	uired. All activities are online.			
<b>AND</b> 16190	LAB	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO

No real-time meetings are required. All activities are online. Formerly CO INFO 701  $\,$ 

#### CIS 120- Introduction to Databases (UC/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).

		/ Language (SQL).			
Class No	Component	Start/End Time	Days	Instructor	Room
16192	LEC	2:05 hrs/wk	TBA	Pakbaz, M	TONLINENO
	ne meetings are requ CO INFO 733	uired. All activities are online.			
16193	LAB	2:05 hrs/wk	TBA	Pakbaz, M	TONLINENO
	ne meetings are requ CO INFO 733	uired. All activities are online.			
23284	LEC	2:05 hrs/wk	TBA	Pakbaz, M	TONLINENO
No real-tim <b>AND</b>	ne meetings are requ	uired. All activities are online.			
23285	LAB	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
CIS 14	8- Introducti	uired. All activities are online. ion to Web Develo evelopment HTML5 & C		L5 & CSS (UC/CS	iU) - 3 Units
Class No	Component	Start/End Time	Days	Instructor	Room
16183	LEC	9:15 am - 11:20 am	Μ	Kaviani, K	TONLINELIV
	meetings are require CO INFO 757	ed as scheduled. All activities	are online.		
16184	LAB	9:15 am - 11:20 am	W	Kaviani, K	TONLINELIV
	meetings are require CO INFO 757	ed as scheduled. All activities	are online.		
	2- Introduct	ion to Cloud Comp	outing (CSU	) - 3 Units	
Class No	Component	Start/End Time	Days	Instructor	Room
16413	LEC nputing Corticate an	4:15 hrs/wk d Digital Badge can be obtaine	TBA ed by taking 4 class	Yazdanian, M es: CIS 192, CIS 193, CIS 1	TONLINENO 94 and CIS 195.
No real-tim		uired. All activities are online.	-		
16414	LAB nputing Corticate an	4:15 hrs/wk d Digital Badge can be obtaine	TBA ed by taking 4 class	Yazdanian, M es: CIS 192, CIS 193, CIS 1	TONLINENO 94 and CIS 195.
1 1 - 6		vined. All estivities are enline			

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

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#### CIS 194- Compute Engines in Amazon Web Services (CSU) - 3 Units

Enrollment Requirement: Advisory: CIS 193

Compute Engines in Amazon Web Services

Class No	Component	Start/End Time	Days	Instructor	Room
16877 Cloud Com	LEC puting Corticate and	4:15 hrs/wk d Digital Badge can be obt	TBA ained by taking 4 cla	Yazdanian, M Isses: CIS 192, CIS 193, CIS 19	TONLINENO 94 and CIS 195.
	e meetings are requ /2024, Ends 12/15/20	uired. All activities are onlin 24)	ie.		

16878LAB4:15 hrs/wkTBAYazdanian, MTONLINENOCloud Computing Corticate and Digital Badge can be obtained by taking 4 classes: CIS 192, CIS 193, CIS 194 and CIS 195.

No real-time meetings are required. All activities are online.

(Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
16249 FORMERL	LEC Y CO INFO 787	9:15 am - 11:20 am	Т	Centeno, F	TONLINELIV
Real-time i <b>AND</b>	meetings are require	ed as scheduled. All activities ar	e online.		
16250	LAB	9:15 am - 11:20 am	Th	Centeno, F	TONLINELIV
	meetings are require CO INFO 787	ed as scheduled. All activities ar	e online.		
Comp	uter Scienc	е			
	•	ing in Visual Basic	: (UC/CSU)	- 3 Units	
•	nming in Visual				
Class No	Component	Start/End Time	Days	Instructor	Room
16187 Formerly C	LEC CO INFO 709	6:00 pm - 8:05 pm	Μ	Saryan, A	TONLINELIV
Real-time i	meetings are require	ed as scheduled. All activities ar	e online.		
16188	LAB CO INFO 709	6:00 pm - 8:05 pm	W	Saryan, A	TONLINELIV
		ed as scheduled. All activities ar hing in Javascript (		8 Units	

Programming in Javascript

riogram	ning in Javas	Jipt				
Class	Component	Start/End Time	Davs	Instructor	Room	
<b>UIA33</b>	Component	Starvenu mine	Days	mstructor	Ruom	
No						
NU						

# LA Trade-Technical College

16245 Formerly C	LEC O INFO 762	12:00 pm - 2:05 pm	Т	Ogwo, C	TONLINELIV
Real-time r <b>AND</b>	meetings are require	ed as scheduled. All activities are	e online.		
16246	LAB O INFO 762	12:00 pm - 2:05 pm	Th	Ogwo, C	TONLINELIV
	• .	ed as scheduled. All activities are			
	<b>- Programm</b> Iming in Java	ing in Java (UC/CS	50) - 3 Units		
Class	Component	Start/End Time	Days	Instructor	Room
16185	LEC Y CO INFO 790	3:45 pm - 5:50 pm	Μ	Nersisyan, C B	TONLINELIV
Real-time r <b>AND</b>	meetings are require	ed as scheduled. All activities are	e online.		
16186	LAB	3:45 pm - 5:50 pm	W	Nersisyan, C B	TONLINELIV
	neetings are require CO INFO 790	ed as scheduled. All activities are	e online.		
•		ing in C++ (UC/CSU	J) - 3 Units		
Program	ming in C++				
Class No	Component	Start/End Time	Days	Instructor	Room
16194	LEC	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
	e meetings are requ Y CO INFO 739	uired. All activities are online.			
16195	LAB	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
	ie meetings are requ Y CO INFO 739	uired. All activities are online.			
16252	LEC	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
	e meetings are requ Y CO INFO 739	uired. All activities are online.			
16253	LAB	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
No real-tim	e meetings are regu	uired. All activities are online.			

No real-time meetings are required. All activities are online. FORMERLY CO INFO 739  $\,$ 

#### CS 170- Computer Game Programming and Logic I (UC/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.

Class	Component	Start/End Time	Days	Instructor	Room
No					

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# I A Trada Tachnical Callaga

2024 F	Fall SCHED	DULE	LA	Trade-Technica	I College
16247	LEC	3:45 pm - 5:50 pm	т	Ozuah, B C	TONLINELIV
Previously <b>AND</b>	CO INFO 40	ed as scheduled. All activities ar			
16248 FORMERL	LAB Y CO INFO 040	3:45 pm - 5:50 pm	Th	Ozuah, B C	TONLINELIV
CS 216 Enrolln		•	g in C++ (UC	<b>/CSU) - 3 Units</b> a grade of C or bette	r
Class No	Component	Start/End Time	Days	Instructor	Room
16243	LEC	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
	ne meetings are requ CO INFO 743	uired. All activities are online.			
16244	LAB	2:05 hrs/wk	ТВА	Pakbaz, M	TONLINENO
Previously	CO INFO 743	uired. All activities are online.			
Coop					
Enrolln	nent Requirer			in cooperative educ	ation.
Work Ex Class	perience - Gen Component	eral I Start/End Time	Days	Instructor	Room
<b>No</b> 23068	LEC	0:50 hrs/wk	ТВА	Dam, M C	TONLINENO
Co Op Ed		0.50 HIS/WK	IBA	Dam, MC	IONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
Leuzinger	LEC ership Program sect High School Rosecrans Ave., CA 90260	0:50 hrs/wk ion]	ТВА	Dam, M C	TONLINENO
Enrollment	and participation ar	e open to all students.			
This class	does not meet in rea	al-time. All activities and work a	re completed online.		
For more in	oformation places a	ontaat the k12 Dartharahin Drog	arom at (222) 000 424	7	

For more information, please contact the k12 Partnership Program at (323) 999-1217.

### COOP ED 295- Work Experience - General I (CSU) (RPT 7) - 2 Units

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

Work Experience - General I

110111 =/1p	01101100 0011				
Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

15331	LEC	2:10 hrs/wk	TBA
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Dam, M C

TONLINENO

No real-time meetings are required. All activities are online. (Starts 09/02/2024, Ends 12/15/2024)

#### COOP ED 395- Work Experience - General I (CSU) (RPT 4) - 3 Units

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

Work Experience - General I

Class No	Component	Start/End Time	Days	Instructor	Room
16545	LEC	3:20 hrs/wk	ТВА	Dam, M C	TONLINENO

No real-time meetings are required. All activities are online. (Starts 09/02/2024, Ends 12/15/2024)

#### Cosmetology CSMTLGY 035- Skin Therapy I - 6 Units

#### Enrollment Requirement: Corequisite: CSMTLGY 036

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.

Class No	Component	Start/End Time	Days	Instructor	Room
13353 (Starts 08/26 <b>AND</b>	LEC 6/2024, Ends 10/20/20	10:00 am - 11:30 am <sup>24)</sup>	MTWTh	Ley, L G	B2-233
13354 (Starts 08/26	LAB 6/2024, Ends 10/20/20	11:40 am - 4:50 pm <sup>24)</sup>	MTWTh	Ley, L G	B2-253

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

#### Enrollment Requirement: Prerequisite: CSMTLGY 035

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

Class No	Component	Start/End Time	Days	Instructor	Room
13356 (Starts 10/21	LEC /2024, Ends 12/15/202	10:00 am - 11:30 am 24)	MTWTh	Ley, L G	B2-233
AND 13357 (Starts 10/21	LAB /2024, Ends 12/15/202	11:40 am - 4:50 pm <sup>24)</sup>	MTWTh	Ley, L G	B2-253

#### CSMTLGY 037- Skin Therapy III - 6 Units

**Enrollment Requirement:** 

Prerequisite: CSMTLGY 036 Corequisite: CSMTLGY 038

Students will be introduced to hand and foot treatments, body scrubs, wraps, reflexology and massage treatments. Aromatherapy treatments will be employed.

Class No	Component	Start/End Time	Days	Instructor	Room
773	LEC	4:30 pm - 5:40 pm	MTWThF	Duarte de Gonzalez, M L	B2-138

(Starts 08/26/2024, Ends 10/20/2024)

#### AND

5:50 pm - 9:40 pm

LAB

18774

# LA Trade-Technical College

B2-253

Duarte de Gonzalez, M

(Starts 08/26/2024, Ends 10/20/2024)						
<b>CSMTLGY 038- Skin Therapy IV - 6 Units</b> <b>Enrollment Requirement:</b> Prerequisite: CSMTLGY 037 Students will be introduced to clinic floor practicum, advanced facial and makeup applications, arching and waxing services and body treatments. Mock state board procedures for licensure will be employed.						
Class No		Start/End Time	Days	Instructor	Room	
19210	LEC /2024, Ends 12/15/20	4:30 pm - 5:45 pm <sup>24)</sup>	MTWThF	STAFF, L	B2-138	
19211	LAB /2024, Ends 12/15/20	5:55 pm - 10:05 pm <sub>24)</sub>	MTWThF	STAFF, L	B2-253	
<b>CSMTLGY 101- Introduction To Cosmetology - 3 Units</b> 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.						
Class No	Component	Start/End Time	Days	Instructor	Room	
25553 LEC 9:00 am - 12:50 pm Sa STAFF, L TBA 1 [k12 Partnership Program section] STEAM Academy						
Enrollment	and participation is	open to all students.				
This class s	ection will meet in-	person at LATTC.				
For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)						
Helen Bern 1309 N Wilt	LEC rship Program secti stein High School con PI., s, CA 90028	10:08 am - 11:35 am ion]	WF	STAFF, L	OFF CAMP	
Enrollment and participation only for Helen Bernstein High School students as a part of a CCAP-AB288 agreement.						
This class section will meet in-person at Helen Bernstein High School.						
For more information, please contact the k12 Partnership Program at (213) 763-3966.						
14380 (Starts 08/26	LEC /2024, Ends 10/20/20	2:00 pm - 3:30 pm <sup>24)</sup>	MTWTh	Young, C P	B2-138	
John Fremo 7676 San P	LEC LEC rship Program section ont High School 'edro St., s, CA 90003	2:26 pm - 3:23 pm 1:05 hrs/wk ion]	MW TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO	

MTWThF

Enrollment and participation only for John Fremont High School students as a part of a CCAP-AB288 agreement.

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This class section will meet in-person at John Fremont High School with additional activities and coursework to be completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

14381	LEC	2:30 pm - 4:00 pm	MTWTh	Le, J M	B2-138
(Starts 10/2	21/2024, End	ls 12/15/2024)			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13362 (Starts 08/2)	LEC 6/2024, Ends 10/20/20	7:30 am - 9:00 am	MTWTh	Botma, S M	B2-238
AND		_ ,			
13363 (Starts 08/20	LAB 6/2024, Ends 10/20/20	9:10 am - 2:10 pm <sup>(24)</sup>	MTWTh	Botma, S M	B2-238
22223 (Starts 08/20	LEC 6/2024, Ends 10/20/20	7:30 am - 9:00 am	MTWTh	Bernal McMihelk, C	B2-237
AND					
22224 (Starts 08/20	LAB 6/2024, Ends 10/20/20	9:10 am - 2:10 pm <sup>)24)</sup>	MTWTh	Bernal McMihelk, C	B2-237
13359 (Starts 08/20	LEC 6/2024, Ends 10/20/20	4:30 pm - 5:40 pm <sup>(24)</sup>	MTWThF	Williams, T	B2-237
AND					
13360 (Starts 08/20	LAB 6/2024, Ends 10/20/20	5:55 pm - 10:05 pm <sup>(24)</sup>	MTWThF	Williams, T	B2-237
23592	LEC	4:30 pm - 5:45 pm	MTWThF	Williams, T	B2-238

The Cosmetology kit and book bundle are required by the first week of school and can be purchased for a total of \$1,500 at The College Store. Attend our orientation via Zoom for more information. Zoom Invite: https://laccd.zoom.us/j/96391870021 (Starts 10/21/2024, Ends 12/15/2024)

#### AND

23593LAB5:50 pm - 10:00 pmMTWThFWilliams, TB2-238The Cosmetology kit and book bundle are required by the first week of school and can be purchased for a total of \$1,500 at The College Store.Attend our orientation via Zoom for more information. Zoom Invite: https://laccd.zoom.us/j/96391870021(Starts 10/21/2024, Ends 12/15/2024)

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

#### Enrollment Requirement: Prerequisite or corequisite: CSMTLGY 111

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.

Class No	Component	Start/End Time	Days	Instructor	Room
`	LEC 1/2024, Ends 12/15/202	7:30 am - 9:00 am <sup>24)</sup>	MTWTh	Amey, T D	B2-237
<b>AND</b> 19425 (Starts 10/21	LAB 1/2024, Ends 12/15/202	9:10 am - 2:15 pm <sup>24)</sup>	MTWTh	Amey, T D	B2-237

# LA Trade-Technical College

	LEC 1/2024, Ends 12/15/20	7:30 am - 9:00 am <sup>24)</sup>	MTWTh	Botma, S M	B2-238
AND		0.40			<b>D</b> 0.000
25170 (Storte 10/2	LAB	9:10 am - 2:15 pm	MTWTh	Botma, S M	B2-238
	1/2024, Ends 12/15/20	,	· · · · · · · · ·		
19477	LEC	4:30 pm - 5:45 pm	MTWTh	STAFF, L	B2-237
		nave completed CSMTLGY 111			SMTLGY 111 and CSMTLGY
121. Enrol	Iment for both classe	es must be in your shopping cart	and completed in the	same transaction.	
(Starts 10/2	1/2024, Ends 12/15/20	24)			
AND					
19478	LAB	5:55 pm - 10:05 pm	MTWThF	STAFF, L	B2-237
This class	is for students who h	nave completed CSMTLGY 111	in previous terms or a	are concurrently enrolled in CS	SMTLGY 111 and CSMTLGY
121. Enrol	Iment for both classe	es must be in your shopping cart	and completed in the	same transaction.	
(Starts 10/2	1/2024, Ends 12/15/20	24)			
25171	LEC	4:30 pm - 5:40 pm	MTWThF	Doukoure, F F	B2-238
(Starts 08/2	6/2024, Ends 10/20/20			,	
AND	·				
25172	LAB	5:50 pm - 9:40 pm	MTWThF	Doukoure, F F	B2-238
	6/2024, Ends 10/20/20				22 200

#### CSMTLGY 131- Tinting I - 6 Units

#### Enrollment Requirement: Prerequisite or corequisite: CSMTLGY 111

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.

Class No	Component	Start/End Time	Days	Instructor	Room
13370 (Starts 08/2	LEC 6/2024, Ends 10/20/20	7:30 am - 9:00 am <sup>24)</sup>	MTWTh	Nunley, R M	B2-128
AND					
13371 (Starts 08/2)	LAB 6/2024, Ends 10/20/20	9:10 am - 2:15 pm <sup>(24)</sup>	MTWTh	Nunley, R M	B2-128
25173 (Starts 08/2)	LEC 6/2024, Ends 10/20/20	7:30 am - 9:00 am <sup>(24)</sup>	MTWTh	Myers, A M	B2-123
AND					
25174 (Starts 08/2	LAB 6/2024, Ends 10/20/20	9:10 am - 2:15 pm <sup>(24)</sup>	MTWTh	Myers, A M	B2-123
19505 (Starts 10/2	LEC 1/2024, Ends 12/15/20	4:30 pm - 5:45 pm	MTWThF	Young, C P	B2-247
AND		,			
19506	LAB 1/2024, Ends 12/15/20	6:05 pm - 10:15 pm <sup>(24)</sup>	MTWThF	Young, C P	B2-247
	LEC 6/2024, Ends 10/20/20	4:30 pm - 5:40 pm <sup>(24)</sup>	MTWThF	Young, C P	B2-247
AND					
20731 (Starts 08/2)	LAB 6/2024, Ends 10/20/20	5:50 pm - 9:40 pm <sup>(24)</sup>	MTWThF	Young, C P	B2-247

#### CSMTLGY 141- Senior Salon I - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 111

Corequisites (or prerequisites): CSMTLGY 121, CSMTLGY 131 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.

Class Component Start/End Time Days Instructor Room	
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(Starts 10/21/2024, Ends 12/15/2024)

No

# LA Trade-Technical College

INO					
shopping		7:30 am - 9:00 am are concurrently enrolled in CSM n the same transaction. (24)	MTWTh ITLGY 131 and CSM <sup>-</sup>	Shackelford, S TLGY 141. Enrollment for both	B2-138 classes must be in your
AND		_ ,,			
19440	LAB	9:10 am - 2:15 pm	MTWTh	Shackelford, S	B2-123
shopping		are concurrently enrolled in CSM n the same transaction.	ITLGY 131 and CSM	TLGY 142. Enrollment for both	n classes must be in your
25320	LEC	7:30 am - 9:00 am	MTWTh	Nunley, R M	B2-128
(Starts 10/2	1/2024, Ends 12/15/20	24)			
AND					
25321	LAB	9:10 am - 2:15 pm	MTWTh	Nunley, R M	B2-128
(Starts 10/2	1/2024, Ends 12/15/20	24)		-	
19484	LEC	4:30 pm - 5:45 pm	MTWThF	Young, C P	B2-247
		have completed CSMTLGY 111	, 121, 131 in previous	terms.	
· ·	1/2024, Ends 12/15/20	124)			
AND					
19485	LAB		MTWThF	Young, C P	B2-247
This class	is for students who l	have completed CSMTLGY 111,	, 121, 131 in previous	terms.	

#### CSMTLGY 142- Senior Salon II - 6 Units

#### Enrollment Requirement: Corequisite: 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.

and ope	raang a baonio	001			
Class No	Component	Start/End Time	Days	Instructor	Room
	LEC 6/2024, Ends 10/20/20	7:30 am - 9:00 am <sup>24)</sup>	MTWTh	Le, J M	B2-247
AND					
20899	LAB	9:10 am - 2:15 pm	MTWTh	Le, J M	B2-247
(Starts 08/2	6/2024, Ends 10/20/20	24)			
20904	LEC	4:30 pm - 5:40 pm	MTWThF	Young, C P	B2-247
(Starts 08/2	6/2024, Ends 10/20/20	24)			
AND					
20905	LAB	5:50 pm - 9:40 pm	MTWThF	Young, C P	B2-247
(Starts 08/2	6/2024, Ends 10/20/20	24)			
<b>•</b> ••					

### **Culinary Arts**

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10490 <b>AND</b>	LEC	7:00 am - 9:05 am	F	STAFF, L	E3-207
10492	LAB	9:15 am - 3:45 pm	F	STAFF, L	E3-210

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10498	LEC	7:00 am - 9:05 am	Sa	Silberling, K E	E3-207
<b>AND</b> 10500	LAB	9:15 am - 3:45 pm	Sa	Silberling, K E	E3-210
	LEC 6/2024, Ends 10/20/20	8:30 am - 9:45 am <sup>24)</sup>	TWTh	Robles, L F	E3-206
AND 10516 (Starts 08/26	LAB 6/2024, Ends 10/20/20	10:00 am - 2:15 pm <sup>24)</sup>	TWTh	Robles, L F	E3-210
	LEC 1/2024, Ends 12/15/20	8:30 am - 9:50 am <sup>24)</sup>	TWTh	Robles, L F	E3-206
AND 15765 (Starts 10/2 <sup>-</sup>	LAB 1/2024, Ends 12/15/20	10:00 am - 2:25 pm <sub>24)</sub>	TWTh	Robles, L F	E3-210
	LEC 1/2024, Ends 12/15/20	2:30 pm - 3:45 pm <sup>24)</sup>	TWTh	Robles, L F	E3-201
AND 15971 (Starts 10/2 <sup>-</sup>	LAB 1/2024, Ends 12/15/20	4:05 pm - 8:55 pm <sup>24)</sup>	TWTh	Robles, L F	E3-210

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

This class discusses sanitation and safety as it applies to the restaurant industry; HACCP protocol, preventing food borne outbreaks, introduction to microbiology and establishing 'flow of food systems' will be covered, federal, state and local legislation and employee training. National Restaurant Association Serve Safe Test will be given at conclusion of this class.

Class No	Component	Start/End Time	Days	Instructor	Room		
15773 (Starts 08/26	LEC 5/2024, Ends 10/20/20	STAFF, L	F5-313				
15973	LEC	6:30 am - 7:50 am	TWTh	STAFF, L	E3-207		
	erson meetings are r 1/2024, Ends 12/15/20	equired as scheduled. The rema 24)	aining activities are on	line.			
25561 LEC 9:00 am - 11:30 am Sa STAFF, L TBA 1 [k12 Partnership Program section] STEAM Academy							
Enrollment	and participation is	open to all students.					
This class s	section will meet in-p	person at LATTC.					
	For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)						
15774 (Starts 08/26	LEC 5/2024, Ends 10/20/20	3:15 pm - 5:25 pm <sup>24)</sup>	MW	Lachica, G V	E3-207		
23741 (Starts 10/21	LEC 1/2024, Ends 12/15/20	6:00 pm - 8:10 pm <sup>24)</sup>	TTh	Clausell, K	E3-202		

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19755	LEC	4:15 hrs/wk	ТВА	Feigenbaum, S B	TONLINENO		
No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)							
15972	LEC	4:15 hrs/wk	TBA	STAFF, L	TONLINENO		
No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)							
15974	LEC	4:15 hrs/wk	TBA	Garnica Diaz, E	TONLINENO		
	No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)						
20010	LEC	4:15 hrs/wk	ТВА	Robles, L F	TONLINENO		
No real-time meetings are required. All activities are online.							

(Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10647 (Starts 08/20 <b>AND</b>	LEC 6/2024, Ends 10/20/20	9:30 am - 10:35 am <sup>(24)</sup>	MTWTh	Spence, R T	E3-206
10651	LAB 6/2024, Ends 10/20/20	11:00 am - 2:15 pm <sup>24)</sup>	MTWTh	Spence, R T	E3-106B
10655 (Starts 10/2 <b>AND</b>	LEC 1/2024, Ends 12/15/20	9:30 am - 10:35 am <sup>24)</sup>	MTWTh	Spence, R T	E3-206
10658 (Starts 10/2	LAB 1/2024, Ends 12/15/20	11:00 am - 2:15 pm 24)	MTWTh	Spence, R T	E3-106B

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14908 (Starts 08/26	LEC 5/2024, Ends 10/20/202	10:40 am - 12:45 pm <sup>24)</sup>	MTWTh	Gilligan, M A	E3-202
AND					
14909	LAB	6:30 am - 10:30 am	MTWTh	Gilligan, M A	E3-213
(Starts 08/26	6/2024, Ends 10/20/20	24)		<b>U</b>	
22074	LEC	10:15 am - 12:10 pm	MTWTh	Gilligan, M A	E3-202
(Starts 10/21	/2024, Ends 12/15/20	24) .		C /	
AND					
22073 (Starts 10/21	LAB I/2024, Ends 12/15/20	6:30 am - 10:05 am <sup>24)</sup>	MTWTh	Gilligan, M A	E3-213

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17133	LEC	2:30 pm - 4:35 pm	MW	Gilligan, M A	E3-202
<b>AND</b> 17134	LAB	4:45 pm - 8:15 pm	MW	Gilligan, M A	E3-213

### CLN ART 122- Garde Manger 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, forcemeat, 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.

Class No	Component	Start/End Time	Days	Instructor	Room
15975 (Starts 08/26 <b>AND</b>	LEC 5/2024, Ends 10/20/202	8:30 am - 10:35 am <sup>24)</sup>	MTWTh	Pasin, C	E3-202
15976 (Starts 08/26	LAB 6/2024, Ends 10/20/202	10:45 am - 2:20 pm <sup>24)</sup>	MTWTh	Pasin, C	E3-213
15981 (Starts 10/21 <b>AND</b>	LEC //2024, Ends 12/15/202	8:30 am - 10:35 am <sup>24)</sup>	MTWTh	Pasin, C	E3-202
15982 (Starts 10/21	LAB /2024, Ends 12/15/202	10:45 am - 2:25 pm <sub>24)</sub>	MTWTh	Pasin, C	E3-213
19422 <b>AND</b>	LEC	2:30 pm - 4:35 pm	TTh	Pasin, C	E3-202
19423	LAB	4:45 pm - 8:15 pm	TTh	Pasin, C	E3-213

### 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, ala minute preparation, brunch items, pancakes, and waffles. Other areas covered include portion control, inventory pars, weights and measures, labor and cost control.

Class No	Component	Start/End Time	Days	Instructor	Room
10741 (Starts 08/2	LEC 6/2024, Ends 10/20/20	10:40 am - 12:45 pm <sup>24)</sup>	MTWTh	Silberling, K E	E3-201
AND					
10743	LAB	6:30 am - 10:30 am	MTWTh	Silberling, K E	E3-110
(Starts 08/2	6/2024, Ends 10/20/20	24)		C.	
10745	LEC	10:40 am - 12:45 pm	MTWTh	Silberling, K E	E3-201
(Starts 10/2	1/2024, Ends 12/15/20			5, 5,	
AND					
10749	LAB	6:30 am - 10:30 am	MTWTh	Silberling, K E	E3-110
	1/2024, Ends 12/15/20			<u> </u>	_00

#### 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

# LA Trade-Technical College

Prerequisite: CLN ART 111, CLN ART 112, CLN ART 121, CLN ART

develop a practical understanding of the role and application of sauce pairing with the center of the plate, vegetables, starches and dessert items.

vegetabl	es, starties an				
Class No	Component	Start/End Time	Days	Instructor	Room
17131 (Starts 08/26	LEC 5/2024, Ends 10/20/202	8:00 am - 10:05 am <sup>24)</sup>	MTWTh	Lachica, G V	E3-205
AND					
17132 (Starts 08/26	LAB 5/2024, Ends 10/20/202	10:10 am - 1:45 pm 24)	MTWTh	Lachica, G V	E3-110ES
15968 (Starts 10/21	LEC /2024, Ends 12/15/202	8:00 am - 10:05 am <sup>24)</sup>	MTWTh	Lachica, G V	E3-205
AND					
15969 (Starts 10/21	LAB /2024, Ends 12/15/202	10:15 am - 2:15 pm 24)	MTWTh	Lachica, G V	E3-110ES

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

**Enrollment Requirement:** 

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.

Class No	Component	Start/End Time	Days	Instructor	Room
`	LEC 6/2024, Ends 10/20/20	7:30 am - 9:35 am <sup>24)</sup>	MTWTh	Martinez-Reyes, F	E3-201
AND					
10790	LAB	9:45 am - 1:35 pm	MTWTh	Martinez-Reyes, F	E3-110GR
(Starts 08/26	6/2024, Ends 10/20/20	24)			
10796	LEC	7:30 am - 9:35 am	MTWTh	Martinez-Reyes, F	E3-201
(Starts 10/2	1/2024, Ends 12/15/20	24)			
AND					
10801	LAB	9:45 am - 1:45 pm	MTWTh	Martinez-Reyes, F	E3-110GR
(Starts 10/2 <sup>-</sup>	1/2024, Ends 12/15/20	24)		-	

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

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10807 (Starts 08/26	LEC /2024, Ends 10/20/202	7:00 am - 8:15 am <sup>24)</sup>	TWTh	Spence, R T	E3-202
15771 (Starts 10/21	LEC /2024, Ends 12/15/202	7:00 am - 8:15 am <sup>24)</sup>	TWTh	STAFF, L	E3-202

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15772	LEC	8:00 am - 10:05 am	F	Spence, R T	E3-206
15770	LEC	4:15 hrs/wk	ТВА	Spence, R T	TONLINENO

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

### 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.

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Class No	Component	Start/End Time	Days	Instructor	Room
10831 (Starts 08/20	LEC 6/2024, Ends 10/20/20	10:00 am - 11:05 am <sup>24)</sup>	MTWTh	Garnica Diaz, E	E3-205
AND					
10832	LAB	6:30 am - 9:50 am	MTWTh	Garnica Diaz, E	E3-100
(Starts 08/20	6/2024, Ends 10/20/20	24)			
10835	LEC	10:00 am - 11:05 am	MTWTh	Garnica Diaz, E	E3-205
(Starts 10/2	1/2024, Ends 12/15/20	24)			
AND					
10841	LAB	6:30 am - 9:50 am	MTWTh	Garnica Diaz, E	E3-100
(Starts 10/2	1/2024, Ends 12/15/20	24)			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10856	LEC	4:15 hrs/wk	ТВА	Garnica Diaz, E	TONLINENO
	ne meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 24)			
10860	LEC	4:15 hrs/wk	ТВА	Garnica Diaz, E	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

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

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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	Component	Start/End Time	Days	Instructor	Room	
No						

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15775 LEC 4:15 hrs/wk TBA

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No real-time meetings are required. All activities are online.

#### Diesel And Related Technology DIESLTK 112- Heavy Duty Maintenance Shop Practices, Engine Fundamentals, and Electrical Systems (CSU) - 12 Units

This course is designed to cover the theory and operation of diesel engine components, shop safety, tools, fastening devices, use of measuring instruments, and electrical systems. The student should develop, hands-on skills, manual dexterity skills, critical thinking skills and basic employment skills.

Class No	Component	Start/End Time	Days	Instructor	Room
25493 <b>AND</b>	LEC	7:00 am - 8:25 am	MTWTh	Guerra, C	B1-118
25494	LAB	8:35 am - 12:40 pm	MTWTh	Guerra, C	B1-118

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
20850 <b>AND</b>	LEC	1:30 pm - 2:35 pm	MW	STAFF, L	B1-211
20851	LAB	2:45 pm - 5:15 pm	MW	STAFF, L	B1-211
25510 <b>AND</b>	LEC	5:30 pm - 6:35 pm	MW	STAFF, L	B1-211
25511	LAB	6:45 pm - 9:15 pm	MW	STAFF, L	B1-211

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
20852 <b>AND</b>	LEC	1:30 pm - 2:35 pm	TTh	STAFF, L	B1-211
20853	LAB	2:45 pm - 5:15 pm	TTh	STAFF, L	B1-211

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

Heavy D	Heavy Duty Electrical Systems							
Class	Component	Start/End Time	Days	Instructor	Room			
No								
23635	LEC	7:00 am - 9:05 am	F	STAFF, L	B1-211			
AND								
23636	LAB	9:15 am - 2:35 pm	F	STAFF, L	B1-118			

#### DIESLTK 122- Heavy Duty Fuel Injection Systems, Hydraulics, and HVAC (CSU) - 12 Units

This course covers the principles of fuel injection systems & hydraulics and Air conditioning. Course will cover

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principles of fuel processing and delivery methods, including fuel sub-systems, pumps, and injectors. This course will cover basic hydraulics theory and components along with air conditioning system operation and servicing.

Class No	Component	Start/End Time	Days	Instructor	Room
25495 <b>AND</b>	LEC	7:00 am - 8:25 am	MTWTh	STAFF, L	B1-126
25496	LAB	8:35 am - 12:25 pm	MTWTh	STAFF, L	B1-126

#### DIESLTK 132- Heavy Duty Transmissions, Brakes, and Suspension (CSU) - 12 Units

This course will cover the operating principles and repair of heavy duty clutches, transmissions, drive shafts, and differentials. In addition, students will also learn the operation and repair of air systems, foundation brakes, and anti-lock brake systems.

Class No	Component	Start/End Time	Days	Instructor	Room
25498 <b>AND</b>	LEC	7:00 am - 8:25 am	MTWTh	Semadeni, A A	B1-210
25499	LAB	8:35 am - 12:25 pm	MTWTh	Semadeni, A A	B1-210

# DIESLTK 142- Heavy Duty Engine Overhaul, Electronic Engine Controls, and Emissions Systems (CSU) - 12 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room
25501 <b>AND</b>	LEC	7:00 am - 8:25 am	MTWTh	Robins, S J	B1-211
25502	LAB	8:35 am - 12:25 pm	MTWTh	Robins, S J	B1-211

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
20855 <b>AND</b>	LEC	5:30 pm - 6:35 pm	TTh	Cavanaugh, J M	B1-211
20856	LAB	6:45 pm - 9:15 pm	TTh	Cavanaugh, J M	B1-211

# 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 and heavy-duty vehicle fields. Description and basic operation of Bodies, renewable fuel alternatives, Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Fuel Cell hybrid, and Electric vehicle technologies is covered in the course.

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Class	Component	Start/End Time	Days	Instructor	Room	
No						

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10008LEC3:10 hrs/wkDIESLTK courses can be taken in ANY order.

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Guerra, J

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If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C).

This is an online class

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10010 ***This clas	LEC ss will meet in-perso	1:35 pm - 3:25 pm on for both lecture and laboratory	TTh y sessions***	Semadeni, A A	B1-210
	courses can be take	n in ANY order.			
AND					
10011	LAB	3:35 pm - 6:05 pm	TTh	Semadeni, A A	B1-210
***This clas	ss will meet in-perso	on for both lecture and laborator	y sessions***		

DIESLTK courses can be taken in ANY order.

#### **DIESLTK 385- Directed Study - Diesel And Related Technology - 3 Units**

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.

Class No	Component	Start/End Time	Days	Instructor	Room
25554 [k12 Partner STEAM Aca	LEC ship Program sect demy	9:00 am - 12:50 pm ion]	Sa	STAFF, L	TBA 1

Enrollment and participation is open to all students.

This class section will meet in-person at LATTC.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

### DIESLTK 401A- Rail Systems Overview, Safety and Tools (CSU) - 5 Units

#### RAIL SYSTEMS OVERVIEW, SAFETY AND TOOLS

Class No	Component	Start/End Time	Days	Instructor	Room	
16081	LEC	7:00 am - 8:15 am	MTWTh	Ramirez, M A	B1-222	
***This cla	ass will meet in-perso	on for both lecture and labora	atory sessions***			

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 08/26/2024, Ends 10/20/2024) **AND**16082 LAB 8:25 am - 12:45 pm MTWTh Ramirez, M A B1-222

16082	LAB	8:25 am - 12:45 pm	MTWTh	Ramirez,
***This cla	ss will mee	et in-person for both lecture and laborato	ry sessions***	

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DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 08/26/2024, Ends 10/20/2024)

### DIESLTK 401B- Mechanical Principles (CSU) - 5 Units

This cou	This course provides an overview of rail mechanical principles.							
Class	Component	Start/End Time	Days	Instructor	Room			
No	-		-					
16083	LEC	7:00 am - 8:15 am	MTWTh	Ramirez, M A	B1-222			
***This cla	ss will meet in-perso	on for both lecture and laborator	v sessions***					

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 10/21/2024, Ends 12/15/2024)

AND

16084	LAB	8:25 am - 12:45 pm	MTWTh	Ramirez, M A	B1-222
***This cla	ss will meet ir	n-person for both lecture and laborate	ry sessions***		

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C).

(Starts 10/21/2024, Ends 12/15/2024)

#### **DIESLTK 402A- Rail Electrical Principles (CSU) - 5 Units**

This course covers electrical fundamentals, technical writing, electrical and ladder logic schematics, and Programable Logic Controls (PLC).

Class No	Component	Start/End Time	Days	Instructor	Room
25514 <b>AND</b>	LEC	5:30 pm - 6:20 pm	MTW	STAFF, L	B1-222
25515	LAB	6:30 pm - 9:20 pm	MTW	STAFF, L	B1-222

#### DIESLTK 403A- Rail Vehicle Pneumatic & Hydraulic Controls (CSU) - 5 Units RAIL VEHICLE PNEUMATIC & HYDRAULIC CONTROLS

Class No	Component	Start/End Time	Days	Instructor	Room
16085	LEC	7:00 am - 8:15 am	MTWTh	Ramirez, J R	B1-214
***This cla	ass will meet in-perso	on for both lecture and laboration	atory sessions***		

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 08/26/2024, Ends 10/20/2024)

AND

16086	LAB	8:25 am - 12:45 pm	MTWTh	Ramirez, J R	B1-214
***This clas	ss will meet in-perso	on for both lecture and laborator	y sessions***		

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 08/26/2024, Ends 10/20/2024)

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### DIESLTK 403B- Rail Vehicle HVAC and Car Body (CSU) - 5 Units

RAIL VE	HICLE HVAC	AND CAR BODY			
Class No	Component	Start/End Time	Days	Instructor	Room
16087 ***This clas	LEC s will meet in-perso	7:00 am - 8:15 am n for both lecture and laborator	MTWTh y sessions***	Ramirez, J R	B1-214
DIESLTK c	ourses can be take	n in ANY order.			
the semest		es, students are HIGHLY encou 2A, 112B, and 112C). 24)	uraged to take the A, E	3, and C parts of a given class	s to complete their full load for
16088 ***This clas	•	8:25 am - 12:45 pm n for both lecture and laborator	MTWTh y sessions***	Ramirez, J R	B1-214

DIESLTK courses can be taken in ANY order.

If you are taking morning classes, students are HIGHLY encouraged to take the A, B, and C parts of a given class to complete their full load for the semester (i.e. DIESLTK 112A, 112B, and 112C). (Starts 10/21/2024, Ends 12/15/2024)

# DIESLTK 941- Cooperative Education - Diesel And Related Technology (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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			
10012	LEC	4:25 hrs/wk	TBA	Guerra, J	TONLINENO			
Cooperativ	Cooperative education courses require that you are either							

1) actively employed

ÓR

2) Volunteering or participating in an internship

For questions, please contact the professor for details: guerraj2@lattc.edu

No real-time meetings are required. All activities are online.

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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Alliance Dr. 644 W 17th	LEC rship Program sectio Olga Mohan High S St., s, CA 90015		TTh	STAFF, L	OFF CAMP
Enrollment	and participation on	ly for Alliance Dr. Olga Mohan H	ligh School students a	as a part of a CCAP-AB288 ag	greement.
This class s	ection will meet in-p	person at Alliance Dr. Olga Moha	an High School.		
	formation, please co	ontact the k12 Partnership Prog	ram at (213) 763-3966	δ.	
Alliance Dr. 644 W 17th	LAB rship Program sectio Olga Mohan High S St., s, CA 90015		TTh	STAFF, L	OFF CAMP
Enrollment	and participation on	ly for Alliance Dr. Olga Mohan H	ligh School students a	as a part of a CCAP-AB288 ag	greement.
This class s	ection will meet in-p	person at Alliance Dr. Olga Moha	an High School.		
26082 [k12 Partne Alliance Dr. 644 W 17th	LEC rship Program section Olga Mohan High S		ram at (213) 763-3966 WF	<sup>5.</sup> STAFF, L	OFF CAMP
Enrollment	and participation on	ly for Alliance Dr. Olga Mohan H	ligh School students a	as a part of a CCAP-AB288 ag	greement.
This class s	ection will meet in-p	person at Alliance Dr. Olga Moha	an High School.		
	formation, please co	ontact the k12 Partnership Prog	ram at (213) 763-3966	б.	
Alliance Dr. 644 W 17th	LAB rship Program sectio Olga Mohan High S St., s, CA 90015		WF	STAFF, L	OFF CAMP
Enrollment	and participation on	ly for Alliance Dr. Olga Mohan H	ligh School students a	as a part of a CCAP-AB288 ag	greement.
This class s	ection will meet in-p	person at Alliance Dr. Olga Moha	an High School.		
		ontact the k12 Partnership Prog	. ,		
10022	LEC	2:05 hrs/wk	ТВА	Rochford, M M	TONLINENO
No real-time	e meetings are requi	ired. All activities are online.			
10024	LAB	2:05 hrs/wk	ТВА	Rochford, M M	TONLINENO
		ired. All activities are online. amentals Of Digital	Media (UC/C	SU) - 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.

		, ,				
Class	Component	Start/End Time	Days	Instructor	Room	

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No					
22238	LEC	2:05 hrs/wk	ТВА	Vulovich, N	TONLINENO
No real-tim	ne meetings are req	uired. All activities are online.			
<b>AND</b> 22239	LAB	2:05 hrs/wk	ТВА	Vulovich, N	TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10111	LEC	2:05 hrs/wk	ТВА	Reed, P W	TONLINENO
No real-tim <b>AND</b>	ne meetings are requ	uired. All activities are online.			
10119	LAB	2:05 hrs/wk	ТВА	Reed. P W	TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room		
lovine and 4120 11th		2:09 pm - 2:36 pm ion] grated Design, Technology, ai	MTWTh nd Entrepreneursh	STAFF, L p Magnet	OFF CAMP		
Enrollment	and participation or	nly for IDTEM students as a pa	art of a CCAP-AB28	88 agreement.			
This class s	section will meet in-	person at IDTEM.					
For more in	formation, please c	ontact the k12 Partnership Pro	ogram at (323) 999	-1217.			
26088 LAB 2:36 pm - 3:06 pm MTWTh STAFF, L OFF CAMP [k12 Partnership Program section] Iovine and Young Center - Integrated Design, Technology, and Entrepreneurship Magnet 4120 11th Ave., Los Angeles, CA 90008							
Enrollment and participation only for IDTEM students as a part of a CCAP-AB288 agreement.							
This class section will meet in-person at IDTEM.							

For more information, please contact the k12 Partnership Program at (323) 999-1217.

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16137	LEC	2:05 hrs/wk	ТВА	Rochford, M M	TONLINENO
No real-time	e meetings are requ	ired. All activities are online.			
16138	LAB	2:05 hrs/wk	ТВА	Rochford, M M	TONLINENO
DIGLM	D 105- Visua	ired. All activities are online. Al Design For Digita e core principles of visua	•	•	parrative and
		. Students will then appl	0 1	5	
Class	Component	Start/End Time	Days	Instructor	Room
25555	LEC Irship Program section ademy	8:00 am - 10:30 am on]	Sa	STAFF, L	TBA 1
Enrollment	and participation is	open to all students.			
This class s	section will meet in-p	person at LATTC.			
	formation, please co /2024, Ends 12/15/202	ontact the k12 Partnership Progr 24)	am at (213) 763-3966	i.	
25556	LAB rship Program secti ademy	10:30 am - 1:00 pm on]	Sa	STAFF, L	TBA 1
Enrollment	and participation is	open to all students.			
This class s	section will meet in-p	person at LATTC.			
	formation, please co /2024, Ends 12/15/202	ontact the k12 Partnership Progr 24)	am at (213) 763-3966	i.	
10124	LEC	2:05 hrs/wk	ТВА	Vulovich, N	TONLINENO
No real-time	e meetings are requ	ired. All activities are online.			
13818	LAB	2:05 hrs/wk	ТВА	Vulovich, N	TONLINENO
DIGLM Students Tools. Th tracks sin	D 107- Digita will learn reco ne course cove multaneously, a	ired. All activities are online. <b>al Audio: Recording</b> rding techniques of a mo rs modern digital audio v as well as mixing recorde	odern studio and workstations usir ed audio for aud	understand the role ong a mixer board to record balancing.	f the engineer using Pro cord multiple audio
Class No	Component	Start/End Time	Days	Instructor	Room
16903	LEC	8:00 am - 10:05 am	W	Vulovich, N	TONLINELIV
Real-time n	neetings are require	d as scheduled. All activities are	online.		
16904	LAB	10:15 am - 12:20 pm	W	Vulovich, N	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

### DIGLMD 110- Visual Effects And Motion Graphics (UC/CSU) - 3 Units

Students will learn to use advanced components of Adobe After Effects to create motion graphics with text

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and animation. Tools such as keyframes, motion paths and masks will be used to create complex visual effects and motion graphics projects.

Class No	Component	Start/End Time	Days	Instructor	Room	
13819	LEC	10:15 am - 12:20 pm	Th	Guerrieri, J	TONLINELIV	
AND	0	required as scheduled. The re	5			
13820	LAB	8:00 am - 10:05 am	Th	Guerrieri, J	D4-200	
Some in p	erson meetings are	required as scheduled. The re	emaining activitie	s are online.		

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
14386 <b>AND</b>	LEC	10:15 am - 12:20 pm	W	Guebely, G	D4-200
14387	LAB	8:00 am - 10:05 am	W	Guebely, G	D4-200

### DIGLMD 151- Introduction To Interface Design (UC/CSU) - 3 Units

#### Enrollment Requirement: Advisory: VISCOM 103

Students will develop an understanding of the core principles necessary to design successful and dynamic Graphical User Interfaces. Course covers the essentials of visual design: color theory, layout and composition, as well as interface behavior and user experience.

Class No	Component	Start/End Time	Days	Instructor	Room
20801 <b>AND</b>	LEC	8:00 am - 10:05 am	Т	Guebely, G	D4-200
20802	LAB	10:15 am - 12:20 pm	Т	Guebely, G	D4-200

### DIGLMD 152- Digital Art Using Mobile Apps (UC/CSU) - 3 Units

Students will develop an understanding of the core principles of digital art and design creating using a mobile app workflow. Course covers the essentials of digital visual design using Photoshop and Illustrator: color theory, composition, software tools, photo manipulation and image creation.

Class No	Component	Start/End Time	Days	Instructor	Room			
lovine and 4120 11th	•	2:09 pm - 2:36 pm ion] grated Design, Technology, a	MTWTh and Entrepreneursh	STAFF, L ip Magnet	OFF CAMP			
Enrollment	and participation or	nly for IDTEM students as a p	art of a CCAP-AB2	38 agreement.				
This class	section will meet in-	person at IDTEM.						
For more ir <b>AND</b>	For more information, please contact the k12 Partnership Program at (323) 999-1217.							
	0	2:36 pm - 3:06 pm ion] grated Design, Technology, a	MTWTh and Entrepreneursh	STAFF, L ip Magnet	OFF CAMP			

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Los Angeles, CA 90008

Enrollment and participation only for IDTEM students as a part of a CCAP-AB288 agreement.

This class	section will meet in-	person at IDTEM.			
For more i	nformation, please c	contact the k12 Partnership Pro	ogram at (323) 999	·1217.	
10128	LEC	2:05 hrs/wk	ТВА	Bolding, K E	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
10131	LAB	2:05 hrs/wk	TBA	Bolding, K E	TONLINENO
	•	uired. All activities are online.			
DIGLM	ID 155- Mobi	le Application Pro	duction (UC	C/CSU) - 3 Units	
Students	s will develop a	nd build a completed r	nobile applicat	ion. Course covers p	re-production, interface
design,	asset behavior,	user experience, and	publication of	a finished mobile app	lication.
Class No	Component	Start/End Time	Days	Instructor	Room
14931 <b>AND</b>	LEC	10:15 am - 12:20 pm	W	Guebely, G	D4-200
14932	LAB	8:00 am - 10:05 am	W	Guebely, G	D4-200

#### DIGLMD 941- Cooperative Education 941 - Digital Media (CSU) (RPT 3) - 4 Units

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

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. The place of employment needs to be related to the student's educational goals. Work experience may be repeated for a maximum of 6 total units, subject to a maximum of 3 units per one enrollment period. Each 60 hours of non-paid work equals one unit of credit. Each 75 hours of paid work equals one unit of credit. \*Title 5, section 55253 states that a student may earn up to a maximum of 16 semester units or 24 guarter units of General & Occupational work experience education combined (Board Rule 6405.10). 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. Component Start/End Time Instructor Room Class Days No

16440 LEC 4:15 hrs/wk TBA Javadyan, A TONLINENO

No real-time meetings are required. All activities are online.

### Drafting DRAFT 062- CAD For Architects (UC/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.

		,	· · · · · · · · · · · · · · · · · · ·			
Class	Component	Start/End Time	Days	Instructor	Room	
No						

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10462 In-person	LEC on campus.	7:00 am - 9:30 am	Μ	Modine, A T	C2-107
AND					
10466	LAB	7:00 am - 9:30 am	W	Modine, A T	C2-107

#### In-person on campus. 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14938 In-person o	LEC on campus.	9:45 am - 10:55 am	MW	Modine, A T	C2-107
<b>AND</b> 14939 In-person o	LAB on campus.	11:05 am - 12:15 pm	MW	Modine, A T	C2-107

#### **Economics**

#### ECON 001- Principles of Microeconomics (UC/CSU) - 3 Units

Requirement Designation:

Meets IGETC 4B CSU D2

#### Enrollment Requirement: Advisory: MATH 125

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.

Class No	Component	Start/End Time	Days	Instructor	Room			
19892	LEC	3:35 hrs/wk	ТВА	Cascio, J P	TONLINENO			
	No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 12/15/2024)							
23538	LEC	3:35 hrs/wk	ТВА	Cascio, J P	TONLINENO			
No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 12/15/2024)								

#### ECON 002- Principles of Macroeconomics (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.								
Class No	Component	Start/End Time	Days	Instructor	Room				
19893	LEC	3:35 hrs/wk	TBA	Seymour, C K	TONLINENO				

No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 12/15/2024)

# **Elect Construction Maintenance**

### 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

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#### will be eligible to receive their OSHA (30 hr) safety-training certificate.

Class No	Component	Start/End Time	Days	Instructor	Room
15253	LEC	6:00 pm - 8:05 pm	Th	Elarton-Selig, W D	TONLINELIV
Real-time r	meetings are require	ed as scheduled. All activities are	e online.		
16237	LEC	6:00 pm - 8:05 pm	Т	Elarton-Selig, W D	TONLINELIV

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room			
11952	LEC	5:00 pm - 9:15 pm	Т	Helfrich, W R	TONLINELIV			
Real-time	Real-time meetings are required as scheduled. All activities are online.							
11956	LEC	5:00 pm - 9:15 pm	W	Helfrich, W R	TONLINELIV			
Real-time	Real-time meetings are required as scheduled. All activities are online.							
11964	LEC	5:00 pm - 9:15 pm	Th	Helfrich, W R	TONLINELIV			

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11969 In-person c	LEC on campus.	6:00 pm - 9:10 pm	Μ	Ramirez, E D	B1-209

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room

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11972	LEC	6:00 pm - 9:10 pm	F	Maroufkhani, F F	TONLINELIV
In-person	on campus.				

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11996 In-person c	LEC on campus.	7:00 am - 8:25 am	TTh	Robinson, D S	E2-301
17083 In-person c	LEC on campus.	7:00 am - 8:25 am	TTh	Kallo, J S	E2-353
11975 In-person c	LEC on campus.	6:00 pm - 9:10 pm	Μ	Lester, J B	TONLINELIV
11978 In-person c	LEC on campus.	6:00 pm - 9:10 pm	Th	Sussman, D A	E2-352
11981 In-person c	LEC on campus.	6:00 pm - 9:10 pm	т	STAFF, L	E2-352
11984 In-person c	LEC on campus.	6:00 pm - 9:10 pm	F	Dominguez, J M	E2-352
11988 In-person c	LEC on campus.	6:00 pm - 9:10 pm	W	Krongold, R A	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

### 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. Class Component Start/End Time Instructor Room Days No 12015 7:00 am - 1:30 pm F Kallo, J S E2-353 LAB In-person on campus. 7:00 am - 1:30 pm F Robinson, D S 12020 LAB E2-301

In-person on campus.

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12008 LAB In-person on campus.	8:00 am - 2:30 pm	Sa	Lester, J B	E2-301
12000 LAB In-person on campus.	6:00 pm - 9:10 pm	TTh	Carlos, A	E2-353
12005 LAB In-person on campus.	6:00 pm - 9:10 pm	MW	Aguilar, A	E2-353

#### **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.							
Class No	Component	Start/End Time	Days	Instructor	Room		
12022 In-person c	LAB on campus.	8:35 am - 11:45 am	MTWTh	Kallo, J S	E2-353		
12023 In-person c	LAB on campus.	8:35 am - 11:45 am	MTWTh	Robinson, D S	E2-301		

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room		
12028 In-person c	LEC on campus.	7:00 am - 8:25 am	MW	Kallo, J S	E2-353		
12032 In-person c	LEC on campus.	7:00 am - 8:25 am	MW	Robinson, D S	E2-301		
14384	LEC	6:00 pm - 9:10 pm	F	ladevaia, R E	TONLINELIV		
12024	LEC	3:10 hrs/wk	ТВА	Elarton-Selig, W D	TONLINENO		
No real-tim	No real-time meetings are required. All activities are online.						
12036	LEC	3:10 hrs/wk	ТВА	Elarton-Selig, W D	TONLINENO		

No real-time meetings are required. All activities are online.

### ECONMT 120- Industrial Control Systems (CSU) - 3 Units

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This course is a study of motors, circuits and devices used for controlling electric motors and the National Electrical Code covering motor installation.

Class No	Component	Start/End Time	Days	Instructor	Room
17437	LEC	7:00 am - 8:25 am	MW	Lester, J B	E2-330
12045	LEC	9:30 am - 10:55 am	MW	Maroufkhani, F F	E2-330
19269	LEC	6:00 pm - 9:10 pm	F	Sussman, D A	B1-216

### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12049 In-person c	LAB on campus.	8:35 am - 10:50 am	MTWTh	Lester, J B	E2-330
14951 In-person c	LAB on campus.	11:00 am - 1:15 pm	MTWTh	Maroufkhani, F F	E2-330

### 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.

circuits.					
Class No	Component	Start/End Time	Days	Instructor	Room
10030 In-person c	LAB on campus.	7:00 am - 10:10 am	Sa	Maroufkhani, F F	E2-330
10018 In-person c	LAB on campus.	6:00 pm - 9:10 pm	Μ	Maroufkhani, F F	E2-330
10025 In-person d	LAB on campus.	6:00 pm - 9:10 pm	W	Maroufkhani, F F	E2-330

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10038 In-person o	LAB on campus.	7:00 am - 10:10 am	Sa	Maroufkhani, F F	E2-330
10033 In-person o	LAB on campus.	6:00 pm - 9:10 pm	Μ	Maroufkhani, F F	E2-330
10035 In-person o	LAB on campus.	6:00 pm - 9:10 pm	W	Maroufkhani, F F	E2-330

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10051 In-person o	LAB on campus.	7:00 am - 10:10 am	Sa	Maroufkhani, F F	E2-330
10042 In-person o	LAB on campus.	6:00 pm - 9:10 pm	Μ	Maroufkhani, F F	E2-330
25976	LAB	6:00 pm - 9:10 pm	W	Maroufkhani, F F	E2-330

#### **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 and motors, load calculations, efficiencies, power factor correction, and calculations related to these theories.

Class No	Component	Start/End Time	Days	Instructor	Room
12055 In-person o	LEC on campus.	7:00 am - 8:25 am	TTh	Lester, J B	E2-330
12057 In-person d	LEC on campus.	9:30 am - 10:55 am	TTh	Maroufkhani, F F	E2-320

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15252 In-person o	LEC on campus.	6:00 pm - 9:10 pm	F	Corech, H H	E2-351
16148 Real-time n	LEC neetings are require	6:00 pm - 9:10 pm d as scheduled. All activities ard	T e online.	Krongold, R A	TONLINELIV
17496 In-person o	LEC on campus.	6:00 pm - 9:10 pm	W	Hernandez, E	E2-136

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12061 On campus	LEC in-person.	8:45 am - 10:10 am	MW	ladevaia, R E	E2-304
12060 On campus	LEC in-person.	10:10 am - 11:35 am	MW	Pelayo, H	E2-304

#### **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. Start/End Time Instructor Class Component Days Room No 7:00 am - 10:10 am 12062 LAB MWF Pelayo, H E2-304 On campus in-person. E2-304 12064 LAB 10:20 am - 1:30 pm MWF ladevaia. R E On campus in-person.

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12067 On campu	LEC s in person.	8:45 am - 10:10 am	TTh	ladevaia, R E	E2-304	

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12065	LEC	10:10 am - 11:35 am	TTh	Pelayo, H	E2-304
On campu	s in person.			-	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12069 On campus	LAB s in person.	7:00 am - 10:10 am	TTh	Pelayo, H	E2-304
12072 On campus	LAB s in person.	10:20 am - 1:30 pm	TTh	ladevaia, R E	E2-304

### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
21610 In-person o	LEC lass.	7:00 am - 8:25 am	MW	Jackson, R E	E2-336
12075 In-person c	LEC on campus.	7:00 am - 8:25 am	MW	Goluza, B	E2-336

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12084 On campu	LAB s in-person.	7:00 am - 10:10 am	F	ladevaia, R E	B1-234
12078 On campus	LAB s in-person.	11:40 am - 1:05 pm	TTh	Pelayo, H	B1-234
16238 On campu	LAB s in-person.	1:00 pm - 4:10 pm	F	Hogue, D	B1-234

#### **ECONMT 150- Introduction To The Electrical Codes - 3 Units Enrollment Requirement:** Prerequisite: ECONMT 130 and ECONMT 136

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#### Corequisite: ECONMT 140

This is a study and interpretation of the National Electrical Code, local ordinances, and regulations covering wiring installations and principal circuit requirements.

Class No	Component	Start/End Time	Days	Instructor	Room
12086 In-person c	LEC on campus.	7:00 am - 8:25 am	TF	Jackson, R E	E2-351
12088 In-person c	LEC on campus.	7:00 am - 8:25 am	TF	Goluza, B	E2-336

#### ECONMT 159- Programmable Logic Controls (Plc) (CSU) - 4 Units

Programmable Logic Controller wiring, programming, and troubleshooting techniques are learned and practiced in a hands-on laboratory environment.

Class No	Component	Start/End Time	Days	Instructor	Room	
12090 In-person <b>AND</b>	LEC on campus.	6:00 pm - 7:25 pm	TTh	Hogue, D	B1-234	
	LAB on campus. apprenticeship Progra	7:35 pm - 9:40 pm am	TTh		B1-234	

#### **ECONMT 167- Electrical Construction Wiring Techniques - 3 Units**

Students are taught and practice electrical rough-in methods, while emphasizing safe working methods and compliance with Electrical Codes and trade standards.

Class No	Component	Start/End Time	Days	Instructor	Room
12092 In-person d	LAB on campus.	8:25 am - 11:35 am	MWF	Jackson, R E	E2-337
12096 In-person d	LAB on campus.	8:25 am - 11:35 am	MWF	Goluza, B	E2-337

#### **ECONMT 168- Installation Of Electrical Wiring - 2 Units**

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12098	LAB	7:00 am - 10:10 am	Th	Jackson, R E	E2-337	
And	LAB	8:25 am - 11:35 am	Т	Jackson, R E	E2-337	
In-person	on campus.					
12102	LAB	7:00 am - 10:10 am	Th	Goluza, B	E2-337	
And	LAB	8:25 am - 11:35 am	Т	Goluza, B	E2-337	
In-person	on campus.					

#### **ECONMT 169- Alternating Current Practices - 2 Units**

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
12106 In-person c	LAB on campus.	7:00 am - 1:30 pm	F	Lester, J B	E2-330
12109 In-person c	LAB on campus.	1:25 pm - 2:50 pm	MTWTh	Maroufkhani, F F	E2-320

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12112 In-person c	LEC n campus.	6:00 pm - 9:10 pm	Μ	Dominguez, J M	E2-336
12114 In-person c	LEC on campus.	6:00 pm - 9:10 pm	Т	STAFF, L	E2-336

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12119 In-person o	LEC	6:00 pm - 9:10 pm	Μ	Duncan, A	E2-120	

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12121 In-person o	LEC on campus.	6:00 pm - 9:10 pm	Th	Castillo, M	E2-222
12130 In-person o	LEC on campus.	6:00 pm - 9:10 pm	М	Pelayo, H	TONLINELIV
12135	LEC	6:00 pm - 9:10 pm	т	Jackson, R E	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

This class section will meet in-person or in a hybrid format (in-person and online). Prior to enrolling in this class section, students must create a Cleared4 account and do one of the following:

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1. Present proof they have been fully vaccinated against the SARS-CoV-2 virus (Covid-19); OR

2. Request a vaccination exemption for medical/religious reasons and undergo regular, weekly testing for COVID-19 infection. Medical/religious exempt students must start testing one-week before the class begins.

Please click the  $\Box$ To Do $\Box$ s List & Holds $\Box$  tile on the MyCollege.laccd.edu homepage and click the  $\Box$ COVID-19 Enrollment Restriction $\Box$  item for additional instructions on how to comply with the vaccination requirement for all in-person class sections.

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12145 In-person c	LEC on campus.	10:30 am - 1:40 pm	F	Romo, R C	E2-233
12137 In-person c	LEC on campus.	6:00 pm - 9:10 pm	W	STAFF, L	E2-336

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12151 In-person o	LEC on campus.	6:00 pm - 9:10 pm	Μ	Winston, R	E2-320
25978	LEC	6:00 pm - 9:10 pm	W	Winston, R	E2-320

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12155 L In-person on o		6:00 pm - 9:10 pm	Т	Winston, R	E2-320

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#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12157	LEC	6:00 pm - 9:10 pm	Т	Aguilar, A	E2-301	
Real-time	meetings are require	ed as scheduled. All activities	are online.			
12161 In-person (	LEC on campus.	6:00 pm - 9:10 pm	Μ	Ramirez, R	E2-301	

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12166 In-person i	LAB n campus.	6:00 pm - 9:10 pm	Th	Aguilar, A	E2-301
12169 In-person i	LAB n campus.	6:00 pm - 9:10 pm	W	Ramirez, R	E2-301

### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
14186 In-person c	LEC on campus.	6:00 pm - 9:10 pm	F	Nasrallah, G B	E2-320
14952 In-person c	LEC on campus.	6:00 pm - 9:10 pm	W	Nasrallah, G B	E2-302

### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
12176	LAB	7:00 am - 1:30 pm	Sa	Pelayo, H	E2-304
In-person	on campus.				

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15384	LAB	6:00 pm - 9:30 pm	MW	Nieves, P H	E2-304
In-person o	on campus.				

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10009 In-person o	LAB	6:00 pm - 9:10 pm	TTh	Goluza, B	E2-304

#### **ECONMT 193- Conduit Bending And Calculations - 3 Units**

his class teaches bending cutting and threading of conduits: EMT (Electrical Metallic Tubing), rigid, and IMC (Intermediate Metal Conduit) and the calculations that are included in these operations. Conduit will be bent with hand and hydraulic benders.

Class No	Component	Start/End Time	Days	Instructor	Room	
14098 In-person o	LAB on campus.	7:00 am - 1:30 pm	Sa	Jackson, R E	E2-337	
	LAB on campus. prenticeship Prograi	6:00 pm - 9:10 pm <i>m</i>	MW	Robinson, D S	E2-337	

### ECONMT 193A- Conduit Bending Laboratory - 1 Unit

#### Enrollment Requirement: Corequisite: ECONMT 168

This class practices the cutting and bending of electrical conduits, and the necessary calculations included in these operations. EMT conduit will be bent with hand benders.

Class No	Component	Start/End Time	Days	Instructor	Room
10053 In-person c	LAB on campus.	10:10 am - 1:20 pm	Th	Jackson, R E	E2-337
10060 In-person c	LAB on campus.	10:10 am - 1:20 pm	Th	Goluza, B	E2-337

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10014	LAB	6:00 pm - 9:10 pm	T	Kallo, J S	TONLINELIV
And	LAB	6:00 pm - 9:10 pm	Th	Robinson, D S	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No		Start/End Time	Days	Instructor	Room
14953	LAB	8:00 am - 2:30 pm	Sa	Sussman, D A	B1-151
In-person of	on campus.				

# ECONMT 941- Cooperative Education -Electrical Construction & Maintenance (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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
13815 In-person (	LEC 1 to 2 meetings) on	4:25 hrs/wk campus.	ТВА	Blumenfeld, S	E2-105

### Electronics ELECTRN 002- Introduction To Electronics (CSU) - 3 Units

Introduct	tion to Electror	NICS			
Class No	Component	Start/End Time	Days	Instructor	Room
10485 ***This clas	LEC s will meet in-perso	12:35 pm - 3:45 pm n at LATTC***	W	Botterud, S J	B1-228
14893 ***This clas	LEC s will meet in-perso	6:00 pm - 9:10 pm n at LATTC***	т	Botterud, S J	B1-228

### 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

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learning about various rework methods. Recommended procedures for removal and replacement of surface mount chip components are also covered.

Class No	Component	Start/End Time	Days	Instructor	Room	
11134 ***This clas	LEC ss will meet in-perso	7:00 am - 9:05 am n at LATTC***	W	Botterud, S J	B1-229	
Some in pe AND	erson meetings are r	equired as scheduled. The re	emaining activities	are online.		

Some in person meetings are required as scheduled. The remaining activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11143	LEC	7:00 am - 8:20 am	Т	Zhang, M	B1-224	
And	LEC	8:10 am - 9:40 am	Th	Zhang, M	B1-224	
***This cla	ass will meet in-perso	on at LATTC***		-		

This class will meet in-person at LATTC

#### 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 troubleshot to understand the concept of troubleshooting techniques. Problems illustrating accuracy necessary in measurements are given.

Class ( No	Component	Start/End Time	Days	Instructor	Room
11146 LA	AB	8:30 am - 12:05 pm	Т	Zhang, M	B1-224
And LA	AB	9:50 am - 12:25 pm	Th 2	Zhang, M	B1-224

This class will meet in-person at LATTC. See schedule for meeting location details.

#### 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

Class No	Component	Start/End Time	Days	Instructor	Room	
11150	LEC	7:00 am - 8:05 am	Th	Zhang, M	B1-224	
***This cla	ss will meet in-perso	on at LATTC***				

### 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.

	Class	Component	Start/End Time	Days	Instructor	Room	
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#### No

11154 LEC 7:00 am - 8:25 am

MW Zhang, M \*\*\*This class will meet in-person at LATTC. See schedule for meeting location details.\*\*\*

B1-224

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11158	LAB	8:35 am - 1:25 pm	MW	Zhang, M	B1-224
***This cla	ass will meeting in-pe	erson at LATTC. See schedule	e of classes for	meeting location details.***	

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11163	LEC	7:00 am - 8:25 am	TTh	Botterud, S J	B1-223	
***This clas	ss will meet in-perso	on at LATTC. See schedule for	or meeting locatio	n details.***		

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11167	LAB	8:35 am - 11:45 am	TTh	Botterud, S J	B1-223
***This clas	ss will meet in-perso	on at LATTC. See schedule for i	meeting location detai	ls.***	

### 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. Component Start/End Time Class Instructor

Class No	Component	Start/End Time	Days	Instructor	Room
11182	LEC	7:00 am - 9:05 am	М	Botterud, S J	B1-228
***This clas	ss will meet in-perso	n at LATTC. See schedule for r	neeting location detail	S.***	
AND					
11185	LAB	9:15 am - 12:25 pm	Μ	Botterud, S J	B1-228
***This clas	ss will meet in-perso	n at LATTC. See schedule for r	neeting location detail	S.***	

### ETNTLGY 941- Cooperative Education - Electronics Technology (CSU) (RPT 3) - 4 Units

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**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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
15363 Cooperativ	LEC e education courses	4:15 hrs/wk s require that you are either	ТВА	Guerra, J	TONLINENO

1) actively employed

OR

2) Volunteering or participating in an internship

For questions, please contact the professor for details: guerraj2@lattc.edu

No real-time meetings are required. All activities are online.

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11308 In-person o	LEC on campus.	6:00 pm - 9:10 pm	MW	Martinov, V	B1-208

### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11312 In-person c	LEC on campus.	6:00 pm - 9:10 pm	TTh	Ramirez, R	B1-208	

### 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

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include creating templates, title blocks, layers, drawing basic geometric objects, using parametric tools, and dimensioning.

Class No	Component	Start/End Time	Days	Instructor	Room
14476 <b>AND</b>	LEC	4:00 pm - 6:05 pm	Th	Hernandez, E	C4-305
14477	LAB	6:15 pm - 8:20 pm	Th	Hernandez, E	C4-305

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room				
	25557 LEC 9:00 am - 10:10 am Sa STAFF, L TBA 1 k12 Partnership Program section] STEAM Academy								
Enrollment	and participation is	open to all students.							
This class s	section will meet in-p	person at LATTC.							
	formation, please co //2024, Ends 12/15/202	ontact the k12 Partnership Progr 24)	am at (213) 763-3966	).					
25558 [k12 Partne STEAM Aca	LAB ership Program section ademy	10:10 am - 12:40 pm on]	F	STAFF, L	TBA 1				
Enrollment	and participation is	open to all students.							
This class s	section will meet in-p	person at LATTC.							
	formation, please co /2024, Ends 12/15/202	ontact the k12 Partnership Progr 24)	am at (213) 763-3966	ð.					
14474 <b>AND</b>	LEC	10:00 am - 11:05 am	т	Navarro, A	C4-420				
14475	LAB	11:10 am - 1:15 pm	т	Navarro, A	C4-420				
10747	LEC	5:00 pm - 6:05 pm	т	Vault, A I	C4-420				
<b>AND</b> 10750	LAB	6:15 pm - 8:20 pm	т	Vault, A I	C4-420				

#### ENG GEN 122- Programming And Problem-Solving In Matlab (UC/CSU) - 3 Units Enrollment Requirement: Prerequisite: MATH 265

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-

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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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10187	LEC	5:00 pm - 7:05 pm	Μ	Navarro, A	TONLINELIV	
Real-time <b>AND</b>	meetings are require	ed as scheduled. All activities	s are online.			
10193	LAB	5:00 pm - 8:10 pm	W	Navarro, A	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10802 <b>AND</b>	LEC	10:15 am - 11:20 am	MW	Navarro, A	C4-420
10808	LAB	11:30 am - 12:55 pm	MW	Navarro, A	C4-420

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10838 <b>AND</b>	LEC	1:10 pm - 3:15 pm	Μ	Navarro, A	C4-420
10842	LAB	1:00 pm - 4:10 pm	W	Navarro, A	C4-420

# English

#### 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.

Class Component Start/End Time Days Instructor Room

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18011	LEC	8:35 am - 10:00 am	TTh	Stevens, A A	F5-212
20578	LEC	8:35 am - 10:00 am	TTh	Ortiz, J I	B1-216
18510	LEC	10:10 am - 11:35 am	TTh	Shakir, R N	F5-215
19793	LEC	10:10 am - 11:35 am	TTh	O Kane, J R	F5-212
20182	LEC	10:10 am - 11:35 am	MW	Viliesid, C N	F5-221
13025	LEC	11:45 am - 1:10 pm	MW	Dolan, T M	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities an	e online.		
13035	LEC	11:45 am - 1:10 pm	MW	STAFF, L	F5-208
18593	LEC	11:45 am - 2:55 pm	Th	Ahmed, A A	F5-212
19479	LEC	11:45 am - 1:10 pm	MW	Sowter, S V	F5-212
13026	LEC	1:20 pm - 2:10 pm	TWTh	Gregory, E A	F5-208
16219 And This sectio	LEC LEC n is a short term firs	1:20 pm - 3:10 pm 3:00 hrs/wk t a 8 week English 101	MW TBA	Ajluni, A C Ajluni, A C	F5-212 TONLINENO
	erson meetings are i 6/2024, Ends 10/20/20	required as scheduled. The rem 24)	aining activities are o	nline.	
16841 And	LEC LEC	3:30 pm - 5:00 pm 1:20 hrs/wk	T TBA	Villani, F J Villani, F J	F5-215 TONLINENO

Real-time meetings are required as scheduled. All activities are online.

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18520	LEC	6:00 pm - 9:10 pm	т	Dolan, T M	TONLINELIV			
Real-time	meetings are require	ed as scheduled. All activities are	e online.					
19630	LEC	6:00 pm - 9:10 pm	М	Dolan, T M	TONLINELIV			
Real-time	meetings are require	ed as scheduled. All activities are	e online.					
13022	LEC	3:10 hrs/wk	ТВА	Dolan, T M	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
17882	LEC	4:15 hrs/wk	ТВА	Moreno, L M	TONLINENO			
	ne meetings are requ 6/2024, Ends 11/17/20	uired. All activities are online. 124)						
17071	LEC	3:10 hrs/wk	ТВА	Shakir, R N	TONLINENO			
16055	LEC	6:25 hrs/wk	ТВА	Viliesid, C N	TONLINENO			
	No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)							
13024	LEC	3:10 hrs/wk	ТВА	Cruz, C A	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
13032	LEC	3:10 hrs/wk	ТВА	Sowter, S V	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
14213	LEC	3:10 hrs/wk	ТВА	Sowter, S V	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
19542	LEC	3:10 hrs/wk	ТВА	Mancia, R A	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
14210	LEC	3:10 hrs/wk	ТВА	Shakir, R N	TONLINENO			
No real-tim	ne meetings are req	uired. All activities are online.						
15316 This class	LEC is designed for Des	3:10 hrs/wk ign Media Arts (DMA) students;	TBA however, all students	Viliesid, C N are welcome.	TONLINENO			
No real-tim	ne meetings are requ	uired. All activities are online.						
20179	LEC	3:10 hrs/wk	TBA	Mancia, R A	TONLINENO			
Some in p	erson meetings are	required as scheduled. The remain	aining activities are or	aline				

Some in person meetings are required as scheduled. The remaining activities are online.

## LA Trade-Technical College

#### ENGLISH 101X- College Reading and Composition I Plus 1-Hour Lab (UC/CSU) - 3 Units Requirement Designation: Meets IGETC 1A CSU A2

Requirement Designation: English 101X is a course in critical reading and prose writing designed to refine the student's skills in thinking logically, reading carefully, and writing effectively. Stress is placed on the organization and composition of objective expository essays, including the research paper. Course content is identical to English 101 with one additional lab support hour for students whose MMAP placement suggests such support is needed. Class Component Start/End Time Davs Instructor Room No 20174 LEC 3:10 hrs/wk TBA Moreno, L M TONLINENO No real-time meetings are required. All activities are online. AND Shakir, R N 20175 LAB 0:50 hrs/wk TBA TONLINENO Some in person meetings are required as scheduled. The remaining activities are online. 20176 LEC 7:00 am - 8:25 am TTh Blake, G B TONLINELIV This class will be taught via Zoom This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. AND 20177 LAB 0:50 hrs/wk TBA Blake, G B TONLINENO This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. 20180 LEC 11:45 am - 1:10 pm MW Viliesid, C N F5-221 Some in person meetings are required as scheduled. The remaining activities are online. AND LAB 0:50 hrs/wk TBA Viliesid, C N TONLINENO 20181 Some in person meetings are required as scheduled. The remaining activities are online. 20172 I FC 10:10 am - 11:35 am TTh Mancia, R A F5-221 This class is for Puente students. Some in person meetings are required as scheduled. The remaining activities are online. 28 of 45 LATTC Puente Students AND 20173 LAB 0:50 hrs/wk TBA Mancia, R A TONLINENO Some in person meetings are required as scheduled. The remaining activities are online. 20167 I FC 1:20 pm - 2:45 pm MW Dolan, T M TONLINELIV This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. AND 20168 LAB 0:50 hrs/wk TBA Dolan, T M TONLINENO This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. 20183 LEC 6:00 pm - 8:00 pm Th Ailuni. A C TONLINELIV 1:10 hrs/wk LEC And TBA Ailuni. A C TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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AND									
20184	LAB	0:50 hrs/wk	ТВА	Ajluni, A C	TONLINENO				
This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.									
22353 <b>AND</b>	LEC	3:10 hrs/wk	ТВА	Sowter, S V	TONLINENO				
22354	LAB	0:50 hrs/wk	ТВА	Sowter, S V	TONLINENO				
24390	LEC	3:10 hrs/wk	ТВА	Blake, G B	TONLINENO				
	ne meetings are requ	uired. All activities are online.							
<b>AND</b> 24391	LAB	0:50 hrs/wk	ТВА	Blake, G B	TONLINENO				
	•	uired. All activities are online.			<b>FF</b> 000				
24388	LEC	10:10 am - 11:35 am	MW	Blake, G B	F5-208				
Some in pe AND	erson meetings are	required as scheduled. The rem	aining activities are or	nline.					
24389	LAB	0:50 hrs/wk	ТВА	Blake, G B	TONLINENO				
Some in pe 24395	erson meetings are LEC	required as scheduled. The rem 11:45 am - 1:10 pm	aining activities are of MW	nline. Cruz, C A	F5-215				
-	erson meetings are	required as scheduled. The rem	aining activities are or	nline.					
<b>AND</b> 24396	LAB	0:50 hrs/wk	ТВА	Cruz, C A	TONLINENO				
Some in person meetings are required as scheduled. The remaining activities are online.ENGLISH 102- College Reading And Composition II (UC/CSU) - 3 UnitsRequirement Designation:Meets IGETC 1B 3B CSU A3 C2Enrollment Requirement:Prerequisite: English 101English 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. Class Component Start/End Time Days Instructor Room									
18639 And	LEC LEC	6:00 pm - 8:00 pm 1:10 hrs/wk	Th TBA	Cruz, C A Cruz, C A	TONLINELIV TONLINENO				
This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.									
17033 This class	LEC ends the week befo	4:15 hrs/wk re Thanksgiving.	ТВА	Moreno, L M	TONLINENO				
	No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 11/17/2024)								

#### ENGLISH 103- Composition And Critical Thinking (UC/CSU) - 3 Units

Requirement Designation:Meets IGETC 1B CSU A3Enrollment Requirement:Prerequisite: English 101

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
18511	LEC	10:10 am - 11:35 am	MW	Sowter, S V	F5-212
18512	LEC	11:45 am - 1:10 pm	TTh	Shakir, R N	F5-215
14080	LEC	1:20 pm - 3:10 pm	MW	Ajluni, A C	F5-212
And This is a se	LEC econd 8 week Englis	3:00 hrs/wk sh 103	ТВА	Ajluni, A C	TONLINENO
	erson meetings are 1/2024, Ends 12/15/20	required as scheduled. The rem <sup>(24)</sup>	aining activities are o	nline.	
13503	LEC	3:10 hrs/wk	ТВА	Mancia, R A	TONLINENO
No real-tim	e meetings are req	uired. All activities are online.			
22430	LEC	3:10 hrs/wk	ТВА	Shakir, R N	TONLINENO

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
18502	LEC	3:35 hrs/wk	TBA	Blake, G B	TONLINENO

No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 12/15/2024)

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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13523 LEC 3:10 hrs/wk TBA

Viliesid, C N

TONLINENO

No real-time meetings are required. All activities are online.

#### ENGLISH 205- British Literature I (UC/CSU) - 3 Units

Requirement Designation: Meets IGÈTC 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.

Class No	Component	Start/End Time	Days	Instructor	Room
20143	LEC	3:10 hrs/wk	TBA	Ajluni, A C	TONLINENO

No real-time meetings are required. All activities are online.

#### English As A Second Lan-Civics ESLCVCS 013CE- ESL And Civics IV (Repeatable) - 0 Unit

ESL And Civics IV									
Class No	Component	Start/End Time	Days	Instructor	Room				
14973	LEC	12:00 pm - 3:10 pm	TTh	STAFF, L	TONLINELIV				
	Real-time meetings are required as scheduled. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)								
14974	LEC	12:00 pm - 3:20 pm	TTh	STAFF, L	TONLINELIV				

Real-time meetings are required as scheduled. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

## English As A Second Language

#### E.S.L. 005A- College ESL V: Writing And Grammar (CSU) - 6 Units

Students in this high-intermediate ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based on critical reading, interpretation/analysis, and personal experience. Students will develop paraphrasing and summarizing skills. Grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four compositions of 300-500 words.

Class No	Component	Start/End Time	Days	Instructor	Room
17786	LEC	1:00 pm - 3:00 pm	TTh	Antler, A	F5-413
And	LEC	3:40 hrs/wk	TBA	Antler, A	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online. (Starts 09/09/2024, Ends 12/15/2024)

#### E.S.L. 006A- College ESL VI: Writing And Grammar (CSU) - 6 Units

Students in this advanced ESL course learn written composition, grammar, and critical reading skills to prepare them for college work. The emphasis is on writing based primarily on critical reading and interpretation/analysis. Students will be introduced to appropriate citation and basic bibliographic conventions in their writing. Advanced grammar skills and mechanics are emphasized throughout each lesson. Required:

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Eight to ten writing assignments, including at least four essays of 400-600 words.

Class No	Component	Start/End Time	Days	Instructor	Room
25121	LEC	1:00 pm - 3:00 pm	TTh	Antler, A	F5-413
And	LEC	3:35 hrs/wk	TBA	Antler, A	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online. (Starts 09/09/2024, Ends 12/15/2024)

25120	LEC	1:30 pm - 3:30 pm	MW	Cluxton, Z W	TONLINELIV
And	LEC	3:30 hrs/wk	TBA	Cluxton, Z W	TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 09/09/2024, Ends 12/15/2024)

#### E.S.L. 008- Advanced ESL Composition (UC/CSU) - 6 Units

Students in this high-advanced ESL course leading to English 101 learn written composition, grammar, and critical reading skills to prepare for college work. The emphasis is on writing based primarily on critical reading and interpretation/analysis. Students will practice using MLA and/or APA citation and bibliographic conventions in their research. Advanced grammar skills and mechanics are emphasized throughout each lesson. Required: Eight to ten writing assignments, including at least four essays of 600-800 words, and one research paper.

Class No	Component	Start/End Time	Days	Instructor	Room
17787 And THIS CLAS	LEC LEC SS WILL BE TAUGH	1:30 pm - 2:55 pm 4:10 hrs/wk IT VIA ZOOM	MW TBA	Cluxton, Z W Cluxton, Z W	TONLINELIV TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 09/09/2024, Ends 12/15/2024)

## English Second Language - NC ESL NC 006CE- English As A Second Language - 0 (Repeatable) - 0 Unit

English As A Second Language - 0

Class No	Component	Start/End Time	Days	Instructor	Room	
14962 Academic	LEC Connections: ESL N	8:30 am - 11:45 am IC-006CE Low Beginners	MW	STAFF, L	D3-109A-1	

ESL NC-006CE is for Low Beginners who speak very little or no English and want to acquire beginning English skills. Students write simple sentences, ask and answer basic questions about themselves, and interpret short reading and listening passages.

This class will be conducted remotely and online. For more information, please contact Academic Connections:

Phone: 213-763-3754 Text: 213-293-9047

22517	LEC	8:30 am - 11:45 am	MF	STAFF, L	OFF CAMP
Stevenson	Royball				

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20096 Offsite at D	LEC liego Rivera	9:00 am - 12:15 pm	TTh	STAFF, L	OFF CAMP
14963 Academic (	LEC Connections - ESL-I	6:00 pm - 9:15 pm NC-006CE    Session One	MW	STAFF, L	F5-213
Call us at 2	13-763-3738 for mo	ore information or assistance wit	h enrollment.		
22606	LEC	6:00 pm - 9:15 pm	MW	STAFF, L	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

## ESL NC 007CE- English As A Second Language - I (Repeatable) - 0 Unit

Class	As A Second La Component	Start/End Time	Days	Instructor	Room			
No	oomponent		Days					
14964	LEC 07CE    Level 2 - Beç	8:30 am - 11:45 am ginning High	TTh	STAFF, L	D3-108			
This class	is for students who w	vish to develop their English Lar	nguage skills.					
	3-763-3754	ontact Academic Connections:						
23758 (Starts 09/30	LEC 0/2024, Ends 12/15/202	12:30 pm - 4:15 pm <sup>24)</sup>	TTh	STAFF, L	F5-210			
14965 ESL NC-00	LEC 07CE    Level 2 - Beg	6:00 pm - 9:15 pm ginning High	TTh	STAFF, L	F5-212			
		vish to develop their English Lar tion or assistance with enrollme		students need to sign-up for a	n ESL NC Orientation. Call us at			
19191 SL NC-007	LEC 7CE    Level 2 - Begii	6:00 pm - 9:15 pm nning High	TTh	STAFF, L	TONLINELIV			
		vish to develop their English Lar tion or assistance with enrollme		students need to sign-up for a	n ESL NC Orientation. Call us at			
Real-time i	meetings are require	d as scheduled. All activities are	e online.					
19831	LEC	6:00 pm - 9:25 pm	MW	STAFF, L	TONLINELIV			
Real-time meetings are required as scheduled. All activities are online.								
23879 (Starts 09/30								

#### ESL NC 008CE- English As A Second Language - II (Repeatable) - 0 Unit

English As A Second Language - II								
Class	Component	Start/End Time	Days	Instructor	Room			
No								

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16177	LEC	8:30 am - 11:15 am	MW	STAFF, L	D3-108
And	LEC	1:00 hrs/wk	TBA	Shabazz, S S	TONLINENO

ESL NC-008CE || Level 3 - Intermedia Low

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.

Some in person meetings are required as scheduled. The remaining activities are online.

16530	LEC	7:00 pm - 9:35 pm	MW	STAFF, L	TONLINELIV
And	LEC	1:25 hrs/wk	TBA	STAFF, L	TONLINENO
ESL NC-00	08CE    Level 3 - Inte	ermedia Low			

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.

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.

#### ESL NC 009CE- English As A Second Language - III (Repeatable) - 0 Unit

English As A Second Language - III

Class No	Component	Start/End Time	Days	Instructor	Room	
17900	LEC	8:30 am - 11:15 am	TTh	STAFF, L	TONLINELIV	
And ESL NC-0	LEC 09CE    Level 4 Inter	1:05 hrs/wk mediate	TBA	STAFF, L	TONLINENO	

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.

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.

20941	LEC	6:00 pm - 9:35 pm	MW	STAFF, L	TONLINELIV
ALAS					

Real-time meetings are required as scheduled. All activities are online.

#### ESL NC 050CE- Beginning Conversation (Repeatable) - 0 Unit

Class No	ng Conversation Component	Start/End Time	Days	Instructor	Room
20138 Immanuel (Starts 10/26	LEC Presb. 6/2024, Ends 12/15/20	8:00 am - 12:00 pm <sup>24)</sup>	Sa	STAFF, L	OFF CAMP
20139 (Starts 10/2 <sup>-</sup>	LEC 1/2024, Ends 12/15/20	8:30 am - 11:45 am <sup>24)</sup>	MW	STAFF, L	OFF CAMP
25711 And	LEC LEC	8:30 am - 12:25 pm 2:00 hrs/wk	F TBA	STAFF, L STAFF, L	TONLINELIV TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 08/26/2024, Ends 10/20/2024)

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19196 ESL Begini	LEC ning Conversation	12:00 pm - 3:20 pm	MW	STAFF, L	TONLINELIV				
This class i	s for students who	wish to develop their English Lar	nguage skills.						
Phone: 213	For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-904								
	neetings are require 5/2024, Ends 10/20/20	ed as scheduled. All activities are 24)	e online.						
21889 And	LEC LEC	12:00 pm - 2:15 pm 1:30 hrs/wk	MW TBA	STAFF, L STAFF, L	D3-109N TONLINENO				
	erson meetings are r 5/2024, Ends 10/20/20	required as scheduled. The rema 24)	aining activities are or	line.					
21890 And	LEC LEC	12:00 pm - 2:15 pm 1:30 hrs/wk	MW TBA	STAFF, L STAFF, L	D3-109N TONLINENO				
Some in person meetings are required as scheduled. The remaining activities are online. (Starts 10/21/2024, Ends 12/15/2024)									
20140 (Starts 10/22	20140 LEC 6:00 pm - 8:00 pm TTh STAFF, L OFF CAMP (Starts 10/22/2024, Ends 12/15/2024)								

#### ESL NC 051CE- Intermediate Conversation (Repeatable) - 0 Unit

#### Intermediate Conversation

Class No	Component	Start/End Time	Days	Instructor	Room
19197	LEC	12:00 pm - 2:15 pm	TTh	STAFF, L	TONLINELIV
And	LEC	1:30 hrs/wk	TBA	STAFF, L	TONLINENO
Intermedia	ate Conversation Ski	lls			

This class is for students who wish to develop their English Language skills. For more information, please contact Academic Connections: Phone: 213-763-3754

Text: 213-293-9047

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 08/26/2024, Ends 10/20/2024)

19208	LEC	12:00 pm - 2:15 pm	TTh	Shabazz, S S	TONLINELIV
And	LEC	2:00 hrs/wk	TBA	Shabazz, S S	TONLINELIV
Lot a more a all a		and an Obline			

Intermediate Conversation Skills

This class is for students who wish to develop their English Language skills. For more information, please contact Academic Connections: Phone: 213-763-3754 Text: 213-293-9047

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 10/21/2024, Ends 12/15/2024)

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20027 (Starts 09/0	LEC 9/2024, Ends 12/15/20	6:00 pm - 7:40 pm <sup>24)</sup>	MW	STAFF, L	D3-109N
20030 (Starts 09/0	LEC 9/2024, Ends 12/15/20	7:45 pm - 9:25 pm <sup>(24)</sup>	MW	STAFF, L	D3-109N

## **Environmental Science**

#### ENV SCI 001- Introduction to Environmental Science (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5A CSU B1

This course introduces students to an interdisciplinary approach to the science behind human-environment interaction. Real-world case studies cover challenges related to climate change, agriculture, energy, and human population, and educate students about ways to live more sustainably.

Class No	Component	Start/End Time	Days	Instructor	Room		
Alliance Ou 5356 5th A	LEC ership Program sect uch-O'Donovan ive., es, CA 90043	9:40 am - 11:08 am ion]	MTh	STAFF, L	OFF CAMP		
Enrollment and participation only for Alliance Ouchi O'Donovan students as a part of a CCAP-AB288 agreement.							

This class section will meet in-person at Alliance Ouchi O'Donovan.

For more information, please contact the k12 Partnership Program at (323) 999-1217.

13548	LEC	10:00 am - 1:10 pm	W	Briones Ortega, R	TONLINENO
Real-time n	neetings are require	d as scheduled. All activities are	e online.		
13865	LEC	10:00 am - 1:10 pm	F	Briones Ortega, R	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11354 (Starts 08/26	LAB 5/2024, Ends 10/20/202	7:00 am - 11:20 am <sup>24)</sup>	MTWThF	Duarte, A S	D4-333
11367 (Starts 08/26	LAB 5/2024, Ends 10/20/202	7:00 am - 11:20 am <sup>24)</sup>	MTWThF	Chao, K L	D4-234

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11395 LAB (Starts 10/21/2024, Ends 12/15/20	7:00 am - 11:35 am <sup>024)</sup>	MTWThF	Siccardi, M	D4-234
17551 LAB (Starts 10/21/2024, Ends 12/15/20	7:00 am - 11:35 am <sup>024)</sup>	MTWThF	Le, D Q	D4-332
25317 LAB (Starts 08/26/2024, Ends 10/20/20	7:00 am - 11:20 am	MTWThF	STAFF, L	D4-332

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room
11418 (Starts 08/26	LAB 5/2024, Ends 10/20/202	7:00 am - 11:20 am <sup>24)</sup>	MTWThF	Siccardi, M	D4-102
11424 (Starts 08/26	LAB 5/2024, Ends 10/20/202	7:00 am - 11:20 am <sup>24)</sup>	MTWThF	Walker, T	D4-203
11443 (Starts 10/21	LAB 1/2024, Ends 12/15/202	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Radenbaugh, T	D4-105
11450 (Starts 10/21	LAB 1/2024, Ends 12/15/202	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Walker, T	D4-203
25318 (Starts 10/21	LAB 1/2024, Ends 12/15/202	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Osuna, C L	D4-205

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
16147	LEC	3:10 hrs/wk	TBA	Naranjo, J A	TONLINENO	

No real-time meetings are required. All activities are online.

#### FASHDSN 119A- History Of Costume I (UC/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.

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Class No	Component	Start/End Time	Days	Instructor	Room
11458	LEC	3:10 hrs/wk	ТВА	Siccardi, M	TONLINENO

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 08/26/2024, Ends 10/20/2024)

#### FASHDSN 119B- History Of Costume II (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room
11460	LEC	3:10 hrs/wk	ТВА	Siccardi, M	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11455 (Starts 10/21	LAB 1/2024, Ends 12/15/20	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Jackson, T R	D4-102
11459 (Starts 10/21	LAB 1/2024, Ends 12/15/20	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Duarte, A S	D4-333

#### 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. Class Component Start/End Time Days Instructor Room

No					
11469	LAB	7:00 am - 11:20 am	MTWThF	Le. D Q	D4-205
	6/2024, Ends 10/20/20				
(010110 00,2	0/202 (; 2/100 / 0/20/20	,			
				<b>a</b>	
18617	LAB	7:00 am - 11:20 am	MTWThF	Glass Villalobos, N	D4-105
(Starts 08/2	6/2024, Ends 10/20/20	24)			

#### **FASHDSN 124- Basic Fitting Problems - 2 Units**

#### Enrollment Requirement: Prerequisite: FASHDSN 111, FASHDSN 120, FASHDSN 122 Advisory: FASHDSN 130

Instruction is given in the general principles of garment fitting according to industry standards. Fitting problems and solutions will be discussed for bodice, sleeve, skirt and pants. Basic contouring principles will

## LA Trade-Technical College

also be analyzed and discussed.

Class No	Component	Start/End Time	Days	Instructor	Room
19284	LAB	12:00 pm - 2:05 pm	MW	Lee, A D	D4-106

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11520 (Starts 08/2	LEC 26/2024, Ends 10/20/20	12:00 pm - 1:25 pm <sup>(24)</sup>	TTh	STAFF, L	D4-133

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11523	LEC	12:00 pm - 1:30 pm	TTh	Chao, K L	D4-130
(Starts 10/2	21/2024, Ends 12/15/20	)24)			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11478 (Starts 10/21	LAB /2024, Ends 12/15/202	7:00 am - 11:35 am <sup>(4)</sup>	MTWThF	Lee, A D	D4-106
18618 (Starts 10/21	LAB /2024, Ends 12/15/202	7:00 am - 11:35 am <sup>24)</sup>	MTWThF	Chao, K L	D4-130

#### 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.

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Class	Component	Start/End Time	Days	Instructor	Room	
No			•			

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15286 (Starts 08/2	LAB 6/2024, Ends 10/20/20	7:00 am - 11:20 am <sup>(24)</sup>	MTWThF	Lee, A D	D4-106
22237 (Starts 08/2	LAB 6/2024, Ends 10/20/20	7:00 am - 11:20 am <sup>24)</sup>	MTWThF	Jackson, T R	D4-332

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11502	LAB	8:35 am - 3:05 pm	Sa	Melin, L A	D4-102	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11507	LAB	7:00 am - 11:20 am	MTWThF	Alcala, C	D4-230	
(Starts 08/2	26/2024, Ends 10/20/20	24)				

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11518	LAB	7:00 am - 11:35 am	MTWThF	Alcala, C	D4-230	
(Starts 10/2	1/2024, Ends 12/15/20	024)				

#### **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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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11524	LEC	12:00 pm - 1:25 pm	F	Duarte, A S	D4-236
AND					
11526	LAB	1:25 hrs/wk	ТВА	Duarte, A S	TBA 1

#### FASHDSN 201- Personal Accessories Design and Construction Level 1 (CSU) - 3 Units

In this introductory course, students learn the fundamentals of drafting and constructing personal leather accessories. Using traditional hand and sewing machine methods, students fabricate a belt, a simple wallet, a zippered clutch, a clutch-style purse, and other accessories as time permits. Students learn how to select and prepare leather for construction. No prior sewing experience required.

Class No	Component	Start/End Time	Days	Instructor	Room
19474	LAB	8:35 am - 3:05 pm	Sa	Conte, R S	D4-205

#### FASHDSN 202- Personal Accessories Design And Construction Level 2 (CSU) - 3 Units

**Enrollment Requirement:** Prerequisite of FASHDSN 201 with a grade of C or better. In this course, students build upon the skills developed in Personal Accessories Design and Construction Level I. Using traditional hand and sewing machine methods, students design and construct a lined, leather handbag with soft handles and an interior welt pocket, and a lined, leather tote with an interior cargo pocket. Personal Accessories Design and Construction Level I is a pre-requisite.

Class No	Component	Start/End Time	Days	Instructor	Room
20804	LAB	8:35 am - 3:05 pm	Sa	Conte, R S	D4-205

#### FASHDSN 203- Personal Accessories Design And Construction Level 3 (CSU) - 3 Units

**Enrollment Requirement:** Prerequisite of FASHDSN 202 with a grade of C or better. In this course students build on the skills developed in Personal Accessories Design and Construction Level II. Using traditional hand and sewing machine methods, students design and construct a lined, structured leather handbag with rope handles, interior zippered pockets and hardware. Other projects are introduced, as time permits. Personal Accessories Design and Construction Level II is a pre-requisite.

Class No	Component	Start/End Time	Days	Instructor	Room
21682	LAB	8:35 am - 3:05 pm	Sa	Conte, R S	D4-205

#### FASHDSN 206- Athletic Footwear Construction Level I (CSU) - 3 Units

In this introductory course, students learn the fundamentals of athletic footwear construction. Students fabricate a leather apron, and two styles of athletic shoes. Students learn how to prepare leather for construction and are introduced to hand and machine sewing. No prior sewing experience required.

Class No	Component	Start/End Time	Days	Instructor	Room
20806	LAB	2:00 pm - 5:10 pm	TTh	Conte, R S	D4-205

#### FASHDSN 207- Footwear Construction Level 1 (CSU) - 3 Units

In this introductory course, students learn the fundamentals of footwear construction. Students fabricate a leather apron, a pair of made-to-measure sandals, and a pair of lace-up shoes. Students learn how to prepare leather for construction and are introduced to hand and machine sewing. No prior sewing experience required.

Class No	Component	Start/End Time	Days	Instructor	Room
17545	LAB	6:00 pm - 9:10 pm	TTh	Conte, R S	D4-205

#### FASHDSN 208- Footwear Construction Level 2 - 3 Units

#### Enrollment Requirement: Prerequisite: FASHDSN 207

In this intermediate course, students build upon the skills developed in Footwear Construction Level 1. Students draft and construct a pair of stylized sandals and a pair of women's court shoes (heels). Footwear Construction Level 1 is a pre-requisite.

Class No	Component	Start/End Time	Days	Instructor	Room
20805	LAB	6:00 pm - 9:10 pm	TTh	Conte, R S	D4-205

#### **FASHDSN 215- Couture Sewing - 3 Units**

**Enrollment Requirement:** Prerequisite: FASHDSN 118 or FASHDSN 223 and FASHDSN 224 This course offers sewing techniques used in industry and couture houses for better quality garments, and for costume construction. Special fabrications and material manipulation will be included in class projects. Class Component Start/End Time Davs Instructor Room No 18622 LAB 12:00 pm - 3:10 pm TTh Le, DQ D4-102

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
17538	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	D4-130
11528	LAB	12:00 pm - 3:10 pm	TTh	Alcala, C	D4-230

#### FASHDSN 223- Sample Making And Design II - 2 Units

Construction of selected garments for more advanced construction problems. Cutting and constructing blouses shirt pants and lined jacket С

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Class	Component	Start/End Time	Days	Instructor	Room	
	-		-			

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No					
17539	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	D4-130
11538	LAB	12:00 pm - 3:10 pm	TTh	Alcala, C	D4-230

#### FASHDSN 224- Sample Making And Design III - 2 Units

Students receive instruction on the theory of color, line and proportion. Selected soft dressmaker type coats, suits, vests, blouses, and dresses are made.

Class No	Component	Start/End Time	Days	Instructor	Room
17546	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	D4-130

#### FASHDSN 225- Pattern Making And Design I - 2 Units

Entry level class offering instruction in development of a basic block, test fitting, and additional basic pattern making fundamentals.

Class No	Component	Start/End Time	Days	Instructor	Room
20803	LAB	8:35 am - 3:05 pm	Sa	Brooks, M L	D4-234
25316	LAB	6:00 pm - 9:10 pm	TTh	Cunnigan, D J	D4-105

#### **FASHDSN 226- Pattern Making And Design II - 2 Units**

#### Enrollment Requirement: Prerequisite: FASHDSN 225

Intermediate level class offering instruction on the torso bodice, dartless block and drafting a basic pant block. The blocks are then used to create dresses, shirt styles and pant variations. Advanced skirts styling is also included.

Class No	Component	Start/End Time	Days	Instructor	Room
17541	LAB	8:35 am - 3:05 pm	Sa	Stafford, W	D4-230

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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17542	LAB	8:35 am - 3:05 pm	Sa	Stafford, W	D4-230

#### FASHDSN 228- Pattern Grading And Design I - 2 Units

This course offers training in increasing and decreasing the pattern size for basic slopers for women?s apparel. Also included is practice in selected grading methods and in the use of ?grading machines? currently used in industry.

Class No	Component	Start/End Time	Days	Instructor	Room
11570	LAB	6:00 pm - 9:10 pm	TTh	Melin, L A	D4-106

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11575	LAB	6:00 pm - 9:10 pm	TTh	Melin, L A	D4-106

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11577	LAB	6:00 pm - 9:10 pm	MW	Osuna, C L	D4-106	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11580	LAB	6:00 pm - 9:10 pm	MW	Osuna, C L	D4-106

#### 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

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refined job interview skills.

Class No	Component	Start/End Time	Days	Instructor	Room
11584	LAB	6:00 pm - 9:10 pm	MW	Osuna, C L	D4-106

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
17530	LAB	8:35 am - 3:05 pm	Sa	Le, D Q	D4-105

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
17531	LAB	8:35 am - 3:05 pm	Sa	Le, D Q	D4-105

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
17532	LAB	8:35 am - 3:05 pm	Sa	Le, D Q	D4-105

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11600	LAB	12:00 pm - 3:10 pm	TTh	Walker, T	D4-203

#### 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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Class No	Component	Start/End Time	Days	Instructor	Room
11606	LAB	8:35 am - 3:05 pm	Sa	Lembke, L	D4-303

#### FASHDSN 941- Cooperative Education - Fashion Design (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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	
16437	LEC	4:15 hrs/wk	TBA	Javadyan, A	TONLINENO	

No real-time meetings are required. All activities are online.

#### Fashion Merchandising 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11614	LEC	3:10 hrs/wk	ТВА	Murphy, D R	TONLINENO

No real-time meetings are required. All activities are online.

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
16139	LEC	3:10 hrs/wk	TBA	Murphy, D R	TONLINENO	

No real-time meetings are required. All activities are online.

## FASHMER 030- Wholesale Merchandising (CSU) - 3 Units

This course prepares students for a merchandising position with an apparel manufacturing company. All<br/>phases, including line development, design, costing, sales, production, contracting and distribution are<br/>covered. Current trends and specialized knowledge in merchandising a successful line are emphasized.ClassComponentStart/End TimeDaysInstructorRoomNo

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11625 LEC 3:10 hrs/wk TBA

Murphy, D R

TONLINENO

No real-time meetings are required. All activities are online.

#### FASHMER 040- Modern Merchandising Math (CSU) - 3 Units

Students will learn to use the computer for costing, pricing, inventory control as well as vendor analysis. All current concepts in wholesale and retail merchandise planning are presented. The emphasis is on practical knowledge and the use of computers in today's apparel business. The class will cover the principles and procedures involved in the business applications of the apparel industry using Apparel Information Management System (AIMS) software for wholesale and Microsoft Excel for making retail buying decisions. Component Start/End Time Instructor Room Class Davs No 21556 LEC 8:00 am - 9:25 am Murphy, D R D4-132 TTh

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11626 <b>AND</b>	LEC	10:00 am - 12:30 pm	Т	Murphy, D R	D4-300
11629	LAB	10:00 am - 11:25 am	Th	Murphy, D R	D4-300

#### FASHMER 045- Fashion E-Commerce (CSU) - 3 Units

Students will develop an understanding of various eCommerce platforms and how they are used to sell fashion products. Platform specific lessons will be presented to cover digital selling methods, strategies, analytics, and marketing techniques in the changing online environment. Students will create an online eCommerce site using a hosted interface to present a fashion product assortment for online selling.

Class No	Component	Start/End Time	Days	Instructor	Room
18788	LEC	3:10 hrs/wk	ТВА	Dwyer, N	TONLINENO

No real-time meetings are required. All activities are online.

#### FASHMER 941- Cooperative Education - Fashion Merchandising (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education.

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	Component	Start/End Time	Days	Instructor	Room	
No						

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16438 LEC 4:15 hrs/wk TBA

Javadyan, A

TONLINENO

No real-time meetings are required. All activities are online.

## **Film Production**

#### FLM PRD 100- Intro To Motion Picture And Tv Production Crafts (CSU) - 3 Units

This course provides a broad overview of the process of creating content for motion pictures, television, new media and live venues. The course includes a historical overview of the entertainment industry and focuses on storytelling principals, aesthetics and techniques used in these audio-visual performance media. It also examines the variety of opportunities available in the entertainment industry;s specialized trades sectors such as stagecraft, set dressing, carpentry/fabricating, grip, editing cinematography/camera, costume manufacturing, make-up, studio electrical lighting, set painting, and scenic artists. Participants will gain a deeper appreciation of narrative and visual design in audio-visual performance media, as well a thorough understanding of the key terminology, protocols, personnel, equipment, duties, responsibilities and physical demands required of the entertainment industry crafts.

Class No	Component	Start/End Time	Days	Instructor	Room	
23640 (Starts 10/21	LEC 1/2024, Ends 12/15/20	1:00 pm - 4:20 pm <sup>24)</sup>	TTh	Reyes, V L	D4-236	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
25416	LEC	6:00 pm - 9:10 pm	W	STAFF, L	C4-208
11709	LEC	3:10 hrs/wk	ТВА	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online.

## 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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16987	LEC	10:10 am - 12:40 pm	Т	Tamer, N E	F5-208
And	LEC	2:30 hrs/wk	TBA	Tamer, N E	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online.

#### Geography GEOG 001- Physical Geography (UC/CSU) - 3 Units

Meets IGETC 5A CSU B1 Requirement Designation:

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10481	LEC	6:00 pm - 9:10 pm	Μ	Landau, D M	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14859	LEC	3:10 hrs/wk	TBA	STAFF, L	TONLINENO

No real-time meetings are required. All activities are online.

## Geology

#### GEOLOGY 001- Physical Geology (UC/CSU) - 3 Units

Meets IGETC 5A CSU B1 Requirement Designation:

Physical Geology is the study of the internal and external processes which shape the earth. Topics covered include plate tectonics, volcanism, earthquakes, mountain building, geologic structures, origin of rocks and minerals, and water and energy resources. A field trip is offered for this course.

Class No	Component	Start/End Time	Days	Instructor	Room
19913	LEC	8:00 am - 11:10 am	Sa	Sedki, Z	C4-422
23321	LEC	6:00 pm - 9:50 pm	Т	Ortega, R	TONLINELIV
<b>D</b>					

Real-time meetings are required as scheduled. All activities are online. (Starts 09/16/2024, Ends 12/15/2024)

## Health HEALTH 002- Health And Fitness (UC/CSU) - 3 Units

Requirement Designation:

Meets CSU E

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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. Component Start/End Time Instructor Room Class Davs No 14904 LEC 2:05 hrs/wk TBA Lagos, D R TONLINENO No real-time meetings are required. All activities are online. AND 14905 LAB 2:05 hrs/wk TBA TONLINENO Lagos, D R No real-time meetings are required. All activities are online. 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. Component Start/End Time Instructor Class Davs Room No 11336 LEC 2:05 hrs/wk TBA Lagos, D R TONLINENO No real-time meetings are required. All activities are online. AND 11342 LAB 2:05 hrs/wk TBA Lagos, D R TONLINENO No real-time meetings are required. All activities are online. HEALTH 008- Women's Personal Health (UC/CSU) - 3 Units Requirement Designation: Meets CSU E Students will learn Socio-cultural influences, 7-dimensions of wellness, holistic health options, and factors that contribute to the overall well-being of women's personal and reproductive health. Class Component Start/End Time Days Instructor Room No 17979 LEC 6:30 hrs/wk TBA STAFF. L TONLINENO No real-time meetings are required. All activities are online. "This class is guality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

(Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12418	LEC	8:35 am - 10:00 am	MW	Lagos, D R	TONLINENO

Real-time meetings are required as scheduled. All activities are online.

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21775	LEC	9:00 am - 12:10 pm	F	STAFF, L	B1-216		
25559 [k12 Partne STEAM Ac	LEC ership Program sect ademy	9:00 am - 12:50 pm ion]	Sa	STAFF, L	TBA 1		
Enrollment	and participation is	open to all students.					
This class	section will meet in-	person at LATTC.					
	nformation, please c 9/2024, Ends 12/15/20	ontact the k12 Partnership Prog 24)	ram at (213) 763-396	6.			
21766	LEC	1:30 pm - 2:55 pm	TTh	King, G R	TONLINELIV		
Real-time r	neetings are require	ed as scheduled. All activities are	e online.				
Orthopaedi 300 W 23rd	25849 LEC 2:00 pm - 3:25 pm TTh STAFF, L OFF CAMP [k12 Partnership Program section] Orthopaedic Hospital Medical Magnet High School 300 W 23rd St., Los Angeles, CA 90007						
Enrollment	and participation or	nly for Orthopaedic Hospital Mec	dical Magnet High Sch	nool students as a part of a CC	CAP-AB288 agreement.		
This class	section will meet in-	person at Orthopaedic Hospital	Medical Magnet High	School.			
For more ir	nformation, please c	contact the k12 Partnership Prog	ram at (323) 999-121	7.			
12424	LEC	3:10 hrs/wk	ТВА	Lagos, D R	TONLINENO		
No real-time meetings are required. All activities are online.							
21796	LEC	6:30 hrs/wk	ТВА	Delzeit-McIntyre, L D	TONLINENO		
No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)							
16554	LEC	6:30 hrs/wk	ТВА	Lagos, D R	TONLINENO		
No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)							

#### HEALTH 012- Safety Education And First Aid (UC/CSU) - 3 Units

Students learn the theory and application of first aid care of the injured. Students will practice victim condition assessment and incorporate treatment procedures. Standard first aid, CPR, and AED certification(s) are granted upon successful completion of course requirements.

Class No	Component	Start/End Time	Days	Instructor	Room
17594	LEC	8:00 am - 11:10 am	Sa	Delzeit-McIntyre, L D	B1-216

#### HEALTH 046- Basic Life Support CPR/AED for the Healthcare Provider (CSU) - 1 Unit

## LA Trade-Technical College

This course covers the content of the American Heart Association Basic Life Support (BLS) CPR/AED for the Healthcare Provider. It covers care of the adult, child, and infant

Class No	Component	Start/End Time	Days	Instructor	Room
17810	LEC	11:30 am - 1:50 pm	Sa	Aono, C E	B1-216
(Starts 10/2	1/2024, Ends 12/15/20	24)			

#### HEALTH 101- Introduction to Public Health (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room	
Orthopaedio 300 W 23rd		2:00 pm - 3:25 pm ion] Magnet High School	TTh	STAFF, L	TBA 1	

Enrollment and participation only for Orthopaedic Hospital Medical Magnet High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at LATTC.

For more information, please contact the k12 Partnership Program at (323) 999-1217.

16231	LEC	3:10 hrs/wk	TBA	Saint-Paul, J D	TONLINENO
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No real-time meetings are required. All activities are online.

#### 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.

[k12 Partnership Program section] Augustus Hawkins High School 825 W. 60th St., Los Angeles, CA 90044	OFF CAMP

Enrollment and participation only for Augustus Hawkins High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at Augustus Hawkins High School.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

AND					
25641	LAB	10:08 am - 11:39 am	Th	STAFF, L	OFF CAMP

## LA Trade-Technical College

Augustus H 825 W. 60t	LAB LAB ership Program sect lawkins High Schoo h St., s, CA 90044		T TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO
Enrollment	and participation or	nly for Augustus Hawkins High	n School studen	ts as a part of a CCAP-AB288 a	agreement.
This class s	section will meet in-	person at Augustus Hawkins I	High School.		
26070 [k12 Partne Alliance Dr 644 W 17th	LEC ership Program sect . Olga Mohan High		ogram at (213) TTh	763-3966. STAFF, L	OFF CAMP
Enrollment	and participation or	nly for Alliance Dr. Olga Moha	n High School s	tudents as a part of a CCAP-A	3288 agreement.
This class s	section will meet in-	person at Alliance Dr. Olga M	ohan High Scho	pol.	
For more in	formation, please c	contact the k12 Partnership Pr	ogram at (213)	763-3966.	
26071 [k12 Partne Alliance Dr 644 W 17th	LAB ership Program sect . Olga Mohan High o St., s, CA 90015	-	TTh	STAFF, L	OFF CAMP
Enrollment	and participation or	nly for Alliance Dr. Olga Moha	n High School s	tudents as a part of a CCAP-A	3288 agreement.
This class s	section will meet in-	person at Alliance Dr. Olga M	ohan High Scho	pol.	
For more in	formation, please c	contact the k12 Partnership Pr	ogram at (213)	763-3966.	
Alliance Dr. 644 W 17th	LEC ership Program sect . Olga Mohan High o St., s, CA 90015		TTh	STAFF, L	OFF CAMP
Enrollment	and participation or	nly for Alliance Dr. Olga Moha	n High School s	students as a part of a CCAP-A	3288 agreement.
This class s	section will meet in-	person at Alliance Dr. Olga M	ohan High Scho	pol.	
For more in	formation, please c	contact the k12 Partnership Pr	ogram at (213)	763-3966.	
26073 [k12 Partne Alliance Dr 644 W 17th	LAB ership Program sect . Olga Mohan High o St., s, CA 90015		TTh	STAFF, L	OFF CAMP
Enrollment	and participation or	nly for Alliance Dr. Olga Moha	n High School s	students as a part of a CCAP-AB	3288 agreement.

This class section will meet in-person at Alliance Dr. Olga Mohan High School.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

## HLTHOCC 065- Fundamentals For The Health Care Professional (CSU) - 2.5 Units

## LA Trade-Technical College

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.

Class	Component	Start/End Time	Days	Instructor	Room
25560	LEC ship Program sectio demy	8:00 am - 11:15 am m]	Sa	STAFF, L	TBA 1
Enrollment a	nd participation is c	open to all students.			
This class se	ction will meet in-p	erson at LATTC.			
	ormation, please co 024, Ends 12/15/202	ntact the k12 Partnership Progra 4)	am at (213) 763-3966.		
[k12 Partners	),	10:45 am - 11:58 am on] chnology High School	TTh	STAFF, L	OFF CAMP
Enrollment a	nd participation onl	y for Alliance Susan & Eric Smid	t Technology High Sc	hool students as a part of a 0	CCAP-AB288 agreement.
This class se	ction will meet in-p	erson at Alliance Susan & Eric S	Smidt Technology Higł	n School.	
For more info	ormation, please co	ntact the k12 Partnership Progra	am at (213) 763-3966.		
[k12 Partners			MTh	STAFF, L	OFF CAMP
Enrollment a	nd participation onl	y for Miguel Contreras Learning	Complex students as	a part of a CCAP-AB288 agr	eement.
This class se	ction will meet in-p	erson at Miguel Contreras Learr	ning Complex.		
For more info	ormation, please co	ntact the k12 Partnership Progra	am at (213) 763-3966.		
[k12 Partners		1:55 pm - 3:08 pm m]	MTh	STAFF, L	OFF CAMP
Enrollment a	nd participation onl	y for Alliance Ouchi-O'Donovan	students as a part of a	a CCAP-AB288 agreement.	
This class se	ction will meet in-p	erson at Alliance Ouchi-O'Dono	van.		
For more info	ormation, please co	ntact the k12 Partnership Progra	am at (323) 999-1217.		
[k12 Partners Alliance Teni	Fernando Rd.,	2:30 hrs/wk on] echnology High School	ТВА	STAFF, L	TONLINENO

## LA Trade-Technical College

Enrollment and participation only for Alliance Tennenbaum Family Technology High School students as a part of a CCAP-AB288 agreement.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966.

#### History HISTORY 002- Introduction To Western Civilization II (UC/CSU) - 3 Units

Requirement Designation:

Meets IGETC 3B 4 CSU C2 D Advisory: ENGLISH 101

**Enrollment Requirement:** Introduction To Western Civilization II

Class No	Component	Start/End Time	Days	Instructor	Room		
19165	LEC	6:30 hrs/wk	TBA	Bird, B L	TONLINENO		
This is a low-cost textbook course.							

No real-time meetings are required. All activities are online.

"This class is guality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

(Starts 09/09/2024, Ends 11/01/2024)

#### HISTORY 011- Political and Social History of the United States to 1877 (UC/CSU) - 3 Units

Enrolln	<i>ment Designati</i> nent Requirer and Social His		<i>Meets IGETC 4F CSU D6 US-1</i> Advisory: ENGLISH 101 e United States to 1877				
Class No		Start/End Time	Days	Instructor	Room		
13055 This is a ze	LEC ero-cost textbook cla	8:35 am - 10:00 am ass	TTh	STAFF, L	F5-313		
19636	LEC	10:10 am - 11:35 am	MW	Rodriquez Estrada, A I	F5-313		
13056	LEC	11:45 am - 1:10 pm	MW	STAFF, L	F5-413		
22773 This is a ze	LEC ero-cost textbook co	1:25 pm - 2:50 pm urse.	TTh	STAFF, L	F5-306		
13061	LEC	6:00 pm - 9:10 pm	W	STAFF, L	TONLINELIV		
Real-time meetings are required as scheduled. All activities are online.							
13054 This is a ze	LEC ero-cost textbook cla	3:10 hrs/wk ass	ТВА	Martinez, M E	TONLINENO		
No real-time meetings are required. All activities are online							

No real-time meetings are required. All activities are online.

## LA Trade-Technical College

This class		6:30 hrs/wk urse. Ind approved by the California V accessibility to support student		Bird, B L Education Initiative. It incorpo	TONLINENO rates best practices in online		
	ne meetings are requ 1/2024, Ends 12/15/20	iired. All activities are online. <sup>24)</sup>					
		3:10 hrs/wk nd approved by the California V accessibility to support student		Bird, B L Education Initiative. It incorpo	TONLINENO rates best practices in online		
No real-tim	e meetings are requ	ired. All activities are online.					
19572	LEC	5:10 hrs/wk	TBA	Rodriquez Estrada, A I	TONLINENO		
	ne meetings are requ 9/2024, Ends 11/15/20	uired. All activities are online. 24)					
HISTORY 012- Political and Social History of the United States from 1865 (UC/CSU) - 3UnitsRequirement Designation:Meets IGETC 4F CSU D6 US-1Enrollment Requirement:Advisory: ENGLISH 101Political and Social History of the United States from 1865							
Class No	Component	Start/End Time	Days	Instructor	Room		
16607 This is a ze	LEC ero-cost textbook cla	1:25 pm - 2:50 pm <sub>Iss.</sub>	MW	Rodriquez Estrada, A I	F5-313		
13210 This is a ze	LEC ero-cost textbook co	3:10 hrs/wk urse.	ТВА	Bird, B L	TONLINENO		
No real-time meetings are required. All activities are online. "This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."							
14667	LEC	6:30 brs/wk	TRΔ	Rodriguez Estrada A I			

14667	LEC	6:30 hrs/wk	TBA	Rodriquez Estrada, A I	TONLINENO			
This is a zero-cost textbook course.								
		uired. All activities are online.						
(Starts 10/0	07/2024, Ends 12/01/20	024)						
	. = 0							
22774	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO			

No real-time meetings are required. All activities are online.

# HISTORY 041- The African American In The History Of The U.S. I (UC/CSU) - 3 UnitsRequirement Designation:Meets IGETC 4F CSU D US-1Enrollment Requirement:Advisory: ENGLISH 101The African American In The History Of The U.S. IInstructorClassComponentStart/End TimeDaysInstructorBoom

	an American n					
Class No	Component	Start/End Time	Days	Instructor	Room	

## LA Trade-Technical College

24994	LEC	10:10 am - 12:15 pm	TTh
(Starts 09/09	)/2024, Ends 12/	01/2024)	

Martinez, M E F	5-213
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# HISTORY 043- The Mexican-American In The History Of The United States I (UC/CSU) - 3 Units

	ement Designati	<i>ion: Meets IG</i> <b>ment:</b> Advisory	ETC 4F CSU D US-1			
	•		The United States I			
Class		Start/End Time	Days	Instructor	Room	
No	•		·			
19166 This is a l	LEC ow-cost textbook cou	5:10 hrs/wk Irse.	ТВА	Rodriquez Estrada, A I	TONLINENO	

No real-time meetings are required. All activities are online. (Starts 09/09/2024, Ends 11/15/2024)

#### HISTORY 086- Introduction To World Civilization I (UC/CSU) - 3 Units

Requirement Designation:		on: Meets IGE	TC 4F CSU D6				
Enrollm	nent Require	ment: Advisory:	ENGLISH 101				
Introduc	Introduction To World Civilization I						
Class No	Component	Start/End Time	Days	Instructor	Room		
13242 This is a lo	LEC w-cost textbook cou	3:10 hrs/wk Irse.	TBA	Bird, B L	TONLINENO		

No real-time meetings are required. All activities are online.

## 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 be explored. Specifics may vary based on instructor.

Class No	Component	Start/End Time	Days	Instructor	Room
10142	LEC	8:35 am - 10:00 am	T	Tropf, R K	F5-201
And	LEC	1:25 hrs/wk	TBA	Tropf, R K	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online.

10125	LEC	3:10 hrs/wk	TBA	Tropf, R K	TONLINENO
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No real-time meetings are required. All activities are online.

## LA Trade-Technical College

20893 LEC 3:10 hrs/wk TBA

Abdul-Mu'min, J

TONLINENO

No real-time meetings are required. All activities are online.

# HUMAN 060- People And Their World: Technology And The Humanities (UC/CSU) - 3 Units

#### Requirement Designation: Meets IGETC 3B CSU C2

This course introduces the student to the predominant cultural patterns of Western Civilization as expressed in great works of literature, visual arts, music, drama, philosophy, history and architecture from all periods, possibly focusing on the Romantics, Victorians and Modernists up to contemporary times, while emphasizing the effects of technological progress on the various mediums of the humanities. The interaction of the individual and society, and the interrelationship of humanities and technology within history and modern society, is explored for the student to gain a better understanding of the world and its culture. The student is introduced to general concepts of the humanities, including applied aesthetics. Comparisons to relevant Asian, African and American cultures and art may also be explored. Specifics may vary based on instructor.

Class No	Component	Start/End Time	Days	Instructor	Room	
18753	LEC	1:30 pm - 3:00 pm	T	Abdul-Mu'min, J	F5-213	
And	LEC	1:30 hrs/wk	TBA	Abdul-Mu'min, J	TONLINENO	

Some in person meetings are required as scheduled. The remaining activities are online. (Starts 09/02/2024, Ends 12/15/2024)

## Kinesiology

#### KIN 289-1- Soccer Skills I (CSU) - 1 Unit

Students learn introductory skills and knowledge necessary to play soccer.

Class No	Component	Start/End Time	Days	Instructor	Room
22986	LAB	9:00 am - 12:10 pm	Sa	Almeida, A M	T-SOCRFLD

#### KIN 289-2- Soccer Skills II (CSU) - 1 Unit

Students learn beginning skills and knowledge necessary to play soccer. This course builds upon KIN 289-1.							
Class	Component	Start/End Time	Days	Instructor	Room		
No							
22987	LAB	9:00 am - 12:10 pm	Sa	Almeida, A M	T-SOCRFLD		

#### KIN 300-1- Swimming Non-Swimmer I (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement:Maximum of 4 enrollments in Kinesiology familyStudents learn introductory aquatic skills, water safety, basic aquatic activities and develop confidence in<br/>water. This course is designed for students to learn how to swim. All levels welcomed.ClassComponentStart/End TimeDaysInstructorRoomNo

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25193 LAB	8:35 am - 10:00 am	MW	STAFF, L	POOL
19557 LAB	8:35 am - 10:00 am	TTh	STAFF, L	P OOL

#### KIN 300-2- Swimming Non-Swimmer II (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E **Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family Students learn beginning aquatic skills, water safety, basic aquatic activities and further develop confidence in water. This course is designed for students to continue learning how to swim, building on KIN 300-1. Start/End Time Class Component Days Instructor Room No P OOL LAB STAFF. L 25190 8:35 am - 10:00 am MW 19558 LAB 8:35 am - 10:00 am TTh STAFF, L P OOL

#### KIN 300-3- Swimming Non-Swimmer III (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E Maximum of 4 enrollments in Kinesiology family **Enrollment Requirement:** Students learn intermediate aquatic skills, water safety, basic aquatic activities and further develop confidence in water. This course is designed for students to continue learning how to swim, building on KIN 300-1 and KIN 300-2. Class Component Start/End Time Days Instructor Room No 25194 LAB 8:35 am - 10:00 am MW STAFF, L P OOL

 19559
 LAB
 8:35 am - 10:00 am
 TTh
 STAFF, L
 P OOL

#### KIN 329-1- Body Conditioning I (UC/CSU) - 1 Unit

Requirement Designation:Meets CSU EEnrollment Requirement:Maximum of 4 enrollments in Kinesiology familyThis introductory course provides students with the opportunity to learn and participate in a variety of<br/>exercises for increasing cardiovascular fitness, muscular strength, and flexibility.

Class No	Component	Start/End Time	Days	Instructor	Room
26205	LAB	1:10 pm - 2:35 pm	TTh	De Castro, J	C4-BASE

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10968	LAB	3:10 hrs/wk	ТВА	Lagos, D R	TONLINENO
No real-time	e meetings are requ	ired. All activities are online.			
16558	LAB	6:30 hrs/wk	ТВА	Pfiffner, B C	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
26206	LAB	1:10 pm - 2:35 pm	TTh	De Castro, J	C4-BASE
11475	LAB	3:10 hrs/wk	ТВА	Lagos, D R	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
16559	LAB	6:30 hrs/wk	ТВА	Pfiffner, B C	TONLINENO
No real-tim	ne meetings are reg	uired All activities are online			

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
26207	LAB	1:10 pm - 2:35 pm	TTh	De Castro, J	C4-BASE
14618	LAB	3:10 hrs/wk	ТВА	Lagos, D R	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
16560	LAB	6:30 hrs/wk	ТВА	Pfiffner, B C	TONLINENO
No real-tim	ne meetings are regu	uired. All activities are online.			

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### KIN 387- Basketball (UC/CSU) - 1 Unit

Requirement Designation:	Meets CSU E
Enrollment Requirement:	Maximum of 4 enrollments in Kinesiology family

## LA Trade-Technical College

Students learn introductory basketball skills, including the selection and care of equipment, rules proper etiquette, terminology, and strategies of the game.

Class No	Component	Start/End Time	Days	Instructor	Room	
19556	LAB	9:30 am - 10:55 am	TTh	STAFF, L	G2-100	
This class	is open to all studer	nts.				

## **Kinesiology Athletics**

#### KIN ATH 504- Intercollegiate Athletics-Basketball (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room
10202	LAB	11:00 am - 1:05 pm	MTWThF	Morgan, S A	G2-100
10195	LAB	2:00 pm - 4:05 pm	MTWThF	Perez, S	G2-100

#### Kinesiology Major KIN MAJ 100- Introduction To Kinesiology (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room
20781	LEC	3:10 hrs/wk	ТВА	Ratcliff, J E	TONLINENO

No real-time meetings are required. All activities are online.

## KIN MAJ 106- Sports Ethics (UC/CSU) - 3 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room
24310	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO

## Labor Studies

## 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

## LA Trade-Technical College

worksite	-related issues	such as job security, in	come, workers'	rights, immigration and	d role of unions.
Class No	Component	Start/End Time	Days	Instructor	Room
21785	LEC	10:10 am - 11:35 am	TTh	Galvez, J P	F5-313
18842	LEC	3:10 hrs/wk	ТВА	Wills, E R	TONLINENO

No real-time meetings are required. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room			
18801	LEC	3:10 hrs/wk	TBA	Akel, T M	TONLINENO			
This class	This class will be held completely online							

No real-time meetings are required. All activities are online.

## LABR ST 011- Labor In The Public Sector (CSU) - 3 Units

This course covers public employment practices, policies, laws and labor relations at the federal, state and local levels.

Class No	Component	Start/End Time	Days	Instructor	Room
24880	LEC	3:10 hrs/wk	ТВА	Klipple, J L	TONLINENO

No real-time meetings are required. All activities are online.

## LABR ST 020- Workers' Rights (CSU) - 3 Units

Basic legal rights for workers, including: wage and hour laws, overtime, leaves, workplace privacy including email and computers, accommodating disabilities, including pregnancy, and combating sexual harassment and employment discrimination.

Class No	Component	Start/End Time	Days	Instructor	Room
20940	LEC	3:10 hrs/wk	ТВА	Young, J F	TONLINENO

No real-time meetings are required. All activities are online.

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
18832	LEC	10:10 am - 11:35 am	MW	Chen, M M	F5-201	

## LA Trade-Technical College

24514 Held Off-C	LEC ampus, in Buena Pa	6:00 pm - 9:10 pm ark at UFCW 324 Union Hall. 85	Th 530 Stanton Ave.	Hart, M A	UFCW 324
18843	LEC	3:10 hrs/wk	ТВА	Wills, E R	TONLINENO
No real-tim	e meetings are reg	uired. All activities are online.			
NU leafui	ie meetings are requ				
25497 [k12 Partne STEAM Ac	LEC ership Program sect ademy	3:35 hrs/wk ion]	ТВА	STAFF, L	TONLINENO

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room
21694	LEC	3:10 hrs/wk	ТВА	Lopez, J M	TONLINENO

No real-time meetings are required. All activities are online.

#### LABR ST 101- Introduction To Unions (CSU) - 1 Unit

Overview of union impact on wages, benefits, working conditions and public policies by industry. Surveys basic union structures, operation and governance.

Class No	Component	Start/End Time	Days	Instructor	Room
20936	LEC	2:20 pm - 5:40 pm	Т	Sanchez, A	F5-221
This LS 1	01 class will be focus	ed on Building Trades Unions.			
(Starts 11/0	04/2024, Ends 12/08/20	24)			

#### LABR ST 105- Grievance Handling Skills (CSU) - 1 Unit

Students will learn how to handle disciplinary and contract interpretation grievancews, including: investigating, documenting evidence, writing grievances, evaluating cases and settlement techniques, just cause, Weingarten Rights, and duty of fair representation

Class No	Component	Start/End Time	Days	Instructor	Room			
25331	LEC	8:30 am - 5:20 pm	Sa	Zigman, L M	F5-221			
(Starts 09/0	(Starts 09/07/2024, Ends 09/14/2024)							

## LABR ST 115- Workplace Health And Safety (CSU) - 1 Unit

Strategies to identify and address current issues in workplace health and safety, such as stress, understaffing, workload, chemical hazards and ergonomic problems. Strategies covered: hazard identification, legal rights, Cal/OSHA, contract language, effective Health & Safety Committees, outside resources, and training programs.

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room	
Certificate.			Sa who complete a	STAFF, L all three days can earn an "Occi	F5-221 upational Safety & Health Specialis	st"

#### LABR ST 121- New Media for Unions (CSU) - 1 Unit

This course surveys methods and techniques that modern labor organizations use in e-communications, including web sites, text messaging, Twitter and Facebook, list serves, and e-blasts.

Class No	Component	Start/End Time	Days	Instructor	Room
25071	LEC	8:30 am - 5:20 pm	Sa	STAFF, L	F5-423
(Starts 11/	10/2024, Ends 11/24/20	)24)			

#### LABR ST 134- CA Wage and Hour Law (CSU) - 1 Unit

This course examines how the California Labor Code extends basic rights beyond federal law, including: minimum wage, maximum hours, timely pay, overtime and meal periods, right to know, and enforcement procedures.

Class No	Component	Start/End Time	Days	Instructor	Room
25448	LEC	8:30 am - 5:20 pm	Sa	Paller, J L	F5-221
(Starts 12/0	)2/2024, Ends 12/15/20	024)			

## LABR ST 136- When The Paycheck Stops (CSU) - 1 Unit

Union representatives occasionally must counsel members when the paycheck stops due to strikes, layoff, or plant closure. This course overviews professional services available for referral and teaches strategies for negotiating with landlords, mortgage companies, utility companies and other creditors.

Class No	Component	Start/End Time	Days	Instructor	Room	
20829	LEC	8:30 am - 5:20 pm	Sa	Olivas, A	F5-221	
(Starts 10/	19/2024, Ends 10/26/20	024)				

# Library Science

## LIB SCI 101- College Research Skills (UC/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.

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Class No	Component	Start/End Time	Days	Instructor	Room				
14399	LEC	2:05 hrs/wk	TBA	Nitsch, L M					

This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success. UC/Cal State transferable

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13768		7:00 am - 8:25 am		Chit, T	B1-166
AND		N-PERSON AT LATTC.	SEE SCHEDULE FOR	MEETING LOCATION DE	IAILS.
13769	LAB	7:00 am - 8:25 am	Th	Chit, T	B1-166
***THIS CL	ASS WILL MEET IN	N-PERSON AT LATTC.	SEE SCHEDULE FOR	MEETING LOCATION DE	TAILS.***

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13773	LAB	7:00 am - 11:50 am	MW	Chit, T	B1-152
***THIS CL	LASS WILL MEET IN	N-PERSON AT LATTC. SEE \$	SCHEDULE FC	OR MEETING LOCATION DETA	ILS.***

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13774	LAB	10:10 am - 11:35 am	TTh	Chit, T	* B1-164C
***THIS CL	ASS WILL MEET IN	J-PERSON AT LATTC. SEE SO	CHEDULE FOR MEET	ING LOCATION DETAILS.**	

## MSCNC 114- Print Interpretation & Sketching (Blueprint I) (CSU) - 3 Units

 Class
 Component
 Start/End Time
 Days
 Instructor
 Room

 No
 13770
 LEC
 8:35 am - 10:00 am
 TTh
 Chit, T
 B1-166

 \*\*\*THIS CLASS WILL MEET IN-PERSON AT LATTC.
 SEE SCHEDULE FOR MEETING LOCATION DETAILS.\*\*\*

## **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

## LA Trade-Technical College

calculati	calculations, algebra, ratios & proportions and fractions will all be covered in this course.						
Class	Component	Start/End Time	Days	Instructor	Room		
No							
13771	LEC	12:00 pm - 1:25 pm	MW	Chit, T	B1-166		
***THIS CL	ASS WILL MEET IN	N-PERSON AT LATTC. SEE	SCHEDULE F	OR MEETING LOCATION DETAILS.*	***		

#### 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.

				B1-164C
B 8:35 a	m - 10:00 am	Th	Shibuya, S T	B1-164
	WILL MEET IN-PERSO	WILL MEET IN-PERSON AT LATTC. SEE SCH         B       8:35 am - 10:00 am	WILL MEET IN-PERSON AT LATTC.SEE SCHEDULE FOR MEETIIB8:35 am - 10:00 amTh	WILL MEET IN-PERSON AT LATTC. SEE SCHEDULE FOR MEETING LOCATION DETAILS.***

\*\*\*THIS CLASS WILL MEET IN-PERSON AT LATTC. SEE SCHEDULE FOR MEETING LOCATION DETAILS.\*\*\*

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
13776	LEC	7:00 am - 8:25 am	TTh	Shibuya, S T	B1-164C
***THIS CL	ASS WILL MEET IN	I-PERSON AT LATTC. SI	EE SCHEDULE FOR	MEETING LOCATION DETAIL	S.***

#### MSCNC 132A- Technology And Application Of Machining Illa - 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
13777	LAB	7:00 am - 11:50 am	MW	Shibuya, S T	B1-164	
***THIS CL	LASS WILL MEET IN	I-PERSON AT LATTC.	SEE SCHEDULE FOR	MEETING LOCATION DETAIL	LS.***	

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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13778LAB10:10 am - 11:35 amTThShibuya, S TB1-164\*\*\*THIS CLASS WILL MEET IN-PERSON AT LATTC.SEE SCHEDULE FOR MEETING LOCATION DETAILS.\*\*\*

#### 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. Class Component Start/End Time Days Instructor Room No 13772 Shibuva, S T LEC 12:00 pm - 1:25 pm MW B1-164C \*\*\*THIS CLASS WILL MEET IN-PERSON AT LATTC. SEE SCHEDULE FOR MEETING LOCATION DETAILS.\*\*\*

## Management 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14388	LEC	9:00 am - 12:10 pm	Sa	Franklin, V	TONLINENO
Real-time r	neetings are require	d as scheduled. All activities are	e online.		
15373	LEC	3:10 hrs/wk	TBA	Mcintosh, A U	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
19241	LEC	6:30 hrs/wk	ТВА	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14935	LEC	6:30 hrs/wk	ТВА	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

## MARKET 011- Fundamentals Of Advertising (CSU) - 3 Units

## LA Trade-Technical College

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.

Class No	Component	Start/End Time	Days	Instructor	Room
14936	LEC	6:30 hrs/wk	TBA	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10923	LEC	3:10 hrs/wk	TBA	Wilson-Aus, A M	TONLINENO	

No real-time meetings are required. All activities are online.

#### MARKET 941- Cooperative Education - Marketing (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. Students must be employed or volunteering/interning in order to participate in program. During the fall and spring semesters, students shall be enrolled in at least one additional course in a U.S. regionally accredited institution.

Class No	Component	Start/End Time	Days	Instructor	Room
23084	LEC	4:30 hrs/wk	ТВА	Dam, M C	TONLINENO

No real-time meetings are required. All activities are online. (Starts 09/02/2024, Ends 12/15/2024)

## **Mathematics**

#### MATH 215- Mathematical Concepts for Teachers I (UC/CSU) - 3 Units

Requirement Designation: Enrollment Requirement:

Meets CSU B4

Prerequisite: MATH 125 or Placement in M1, M2, M5, M6, M7, M9, or M10

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.

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Class	Component	Start/End Time	Days	Instructor	Room	
No	-		-			

## LA Trade-Technical College

24689	LEC	10:10 am - 11:35 am	TTh	Dominguez, C C	F5-406			
22844 And	LEC LEC	1:25 pm - 2:50 pm 1:25 pm - 2:50 pm required as scheduled. The rel	W M maining activities are c	Dominguez, C C Dominguez, C C	TONLINELIV F5-406			
23491	LEC	4:00 pm - 7:20 pm	TTh	STAFF, L	TONLINELIV			
Real-time		ed as scheduled. All activities a		STALL, L	IONEINEEIV			
Require Enrolln Math 22 inferenti	MATH 227- Statistics (UC/CSU) - 4 Units Requirement Designation:Meets IGETC 2A CSU B4Enrollment Requirement:Prerequisite: MATH 125 OR MATH 125S OR MATH 137 OR Placement in M1, M2, M5, M6, M9, or M10Math 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.							
Class No	Component	Start/End Time	Days	Instructor	Room			
13587 And	LEC LEC	7:00 am - 9:05 am 7:00 am - 9:05 am	Th T	STAFF, L STAFF, L	F5-208 TONLINELIV			
Some in pe	erson meetings are	required as scheduled. The re	maining activities are c	nline.				
	24679LEC7:55 am - 10:00 amTThSimpson-Rodgers, NF5-221This course is restricted for Puente students. If you are interested in Puente, please contact Ana Munoz at: munozam@lattc.edu.40 of 40 LATTC Puente Students							
15276	LEC	10:10 am - 12:15 pm	MW	Dominguez, C C	F5-406			
22404	LEC	10:10 am - 12:15 pm	TTh	Ornelas, M	F5-412			
13585	LEC	1:25 pm - 3:30 pm	MW	Lopez, A E	TONLINELIV			
Real-time	Real-time meetings are required as scheduled. All activities are online.							
15168	LEC	1:25 pm - 3:30 pm	TTh	STAFF, L	F5-415			
15169	LEC	3:00 pm - 5:05 pm	TTh	STAFF, L	F5-406			

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23342	LEC	3:00 pm - 5:00 pm	TTh	Ornelas, M	TONLINELIV
And	LEC	5:05 hrs/wk	TBA	Ornelas, M	TONLINENO

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 10/21/2024, Ends 12/15/2024)

	13586	LEC	6:00 pm - 8:05 pm	TTh
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Ornelas, M

TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### MATH 227S- Statistics With Support (UC/CSU) - 4 Units

Requirement Designation: Enrollment Requirement: Meets IGETC 2A CSU B4 Prerequisite: MATH 125 or MATH 125S or MATH 137 or 137S or

placement in M1, M2, M5, M6, M9, or M10

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
24516 <b>AND</b>	LEC	8:35 am - 10:40 am	MW	Webster, K	F5-408	
24517	LAB	10:45 am - 11:35 am	W	Webster, K	F5-408	
24734 And	LEC LEC	8:35 am - 10:40 am 8:35 am - 10:40 am	Th T	Osborne, C G Osborne, C G	TONLINELIV F5-410	
Some in po AND	erson meetings are	required as scheduled. The rem	aining activities are or	nline.		
24735	LAB	10:45 am - 11:35 am	т	Osborne, C G	F5-410	
Some in pe	erson meetings are	required as scheduled. The rem	aining activities are or	nline.		
25940 <b>AND</b>	LEC	11:45 am - 1:50 pm	MW	Meftagh, T S	F5-408	
25941	LAB	1:55 pm - 2:45 pm	W	Meftagh, T S	F5-408	
25942 <b>AND</b>	LEC	11:45 am - 1:50 pm	TTh	Webster, K	F5-408	
25943	LAB	1:55 pm - 2:45 pm	Т	Webster, K	F5-408	
24518 <b>AND</b>	LEC	1:25 pm - 3:30 pm	TTh	Osborne, C G	F5-412	
24519	LAB	3:40 pm - 4:30 pm	Т	Osborne, C G	F5-412	
24817	LEC	1:25 pm - 3:30 pm	Μ	Osborne, C G	F5-410	
And	LEC	1:25 pm - 3:30 pm	W	Osborne, C G	TONLINELIV	
Some in person meetings are required as scheduled. The remaining activities are online. AND						

 24818
 LAB
 3:40 pm - 4:30 pm
 M
 Osborne, C G
 F5-410

Some in person meetings are required as scheduled. The remaining activities are online.

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24520	LEC	6:00 pm - 8:05 pm	MW	Lopez, A E	TONLINELIV			
	Real-time meetings are required as scheduled. All activities are online. AND							
24521	LAB	8:05 pm - 8:55 pm	W	STAFF, L	TONLINELIV			
Real-time meetings are required as scheduled. All activities are online.         MATH 230- Mathematics For Liberal Arts Students (UC/CSU) - 3 Units         Requirement Designation:       Meets IGETC 2A CSU B4         Enrollment Requirement:       Prerequisite: MATH 125 or Placement in MT1 or MT1S.         Advisory: MATH 137       Math 230 is an introduction to the spirit and style of mathematics and its pursuit as a human endeavor. Topics are chosen from a variety of mathematical fields including logic, set theory, systems of numeration, number theory, algebra, the metric system, geometry, mathematical systems, consumer mathematics, probability, statistics, graph theory, voting and apportionment which are intended to illustrate the nature of mathematical discovery, the utility of mathematical applications, and the beauty of geometrical design.								
Class No	Component	Start/End Time	Days	Instructor	Room			
22406	LEC	8:35 am - 10:00 am	TTh	Guerrero, S A	F5-312			
Communic 6100 S Ce	LEC ership Program sec cation & Technology entral Ave., es, CA 90001	10:00 am - 11:25 am tion] School at Diego Rivera Learnin	WF ig Complex	STAFF, L	OFF CAMP			
Enrollmen	t and participation o	nly for DRLC students as a part	of a CCAP-AB288 ag	reement.				
This class	This class section will meet in-person at DRLC.							
For more information, please contact the k12 Partnership Program at (323) 999-1217.								
21599	LEC	10:10 am - 11:35 am	TTh	Lopez, A E	F5-415			
22405	LEC	11:45 am - 1:10 pm	MW	Ornelas, M	F5-412			
22781	LEC	11:45 am - 1:10 pm	TTh	Guerrero, S A	F5-415			
21597	LEC	1:25 pm - 2:50 pm	MW	Maheta-Wells, P	F5-413			

#### MATH 235- Finite Mathematics (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 2A CSU B4 Enrollment Requirement: Prerequisite: MATH 125 or Placement in MT1 or MT1S

## LA Trade-Technical College

Math 235 covers topics in finite mathematics with applications to business and social sciences. Systems of linear equations, inequalities, linear programming, mathematics of finance, matrix algebra, probability, statistics, and game theory are among the topics presented.

Class No	Component	Start/End Time	Days	Instructor	Room	
24681	LEC	1:25 pm - 3:55 pm	T Th	Avila, L F	F5-410 TONLINELIV	
And	LEC	1:25 pm - 3:55 pm	Th	Avila, L F	IONLINELIV	

Some in person meetings are required as scheduled. The remaining activities are online.

#### MATH 241- Trigonometry With Vectors (CSU) - 4 Units

Requirement Designation: Meets CSU B4

**Enrollment Requirement:** 

Prerequisite: MATH 125 or 125S or 123C or MATH 134, or Placement in MT1 or MT1S

Introduces trigonometric functions, their graphs, inverses, and fundamental identities. Trigonometric equations are solved. The laws of sines and cosines, vectors, polar coordinates and applications are introduced.

Class No	Component	Start/End Time	Days	Instructor	Room
15171	LEC	7:00 am - 9:05 am	MW	Maheta-Wells, P	F5-413
24522 (Starts 08/2)	LEC 6/2024, Ends 10/20/20	7:00 am - 9:50 am <sup>24)</sup>	TWTh	Kunarak, S	F5-406

24680LEC7:55 am - 10:00 amTThMaheta-Wells, PF5-413This course is restricted for Puente students. If you are interested in Puente, please contact Ana Munoz at: munozam@lattc.edu.40 of 40 LATTC Puente Students

## MATH 241S- Trigonometry with Vectors with Support (CSU) - 4 Units

Requirement Designation: Enrollment Requirement:

Meets CSU B4

t: Prerequisite: MATH 125 or 125S or 123C or MATH 134, or Placement in MT1 or MT1S

This course includes the study of the trigonometric functions and their inverses; measurement of angles in degrees and in radians; evaluating triangles; solutions of trigonometric equations; verification of trigonometric identities; vectors; complex numbers; graphing trigonometric functions and polar curves.

Class No	Component	Start/End Time	Days	Instructor	Room
21124 <b>AND</b>	LEC	8:35 am - 10:40 am	TTh	Meftagh, T S	F5-412
21125	LAB	10:45 am - 11:35 am	Т	Meftagh, T S	F5-412
24524 <b>AND</b>	LEC	8:35 am - 10:40 am	MW	Simpson-Rodgers, N	F5-213
24525	LAB	10:45 am - 11:35 am	W	Simpson-Rodgers, N	F5-213

#### MATH 245- College Algebra (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 2A CSU B4

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**Enrollment Requirement:** Prerequisite: MATH 125 or Placement in MT1 or MT1S 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.

Class No	Component	Start/End Time	Days	Instructor	Room
24691 And	LEC LEC	8:35 am - 10:00 am 8:35 am - 10:00 am	T Th	Avila, L F Avila, L F	TONLINELIV F5-410
Some in pe	erson meetings are	required as scheduled. The rem	aining activities are o	nline.	
22112	LEC	10:10 am - 11:35 am	MW	Avila, L F	F5-410
19438	LEC	11:45 am - 1:10 pm	MW	Avila, L F	F5-410
24693	LEC	1:25 pm - 2:50 pm	TTh	Kunarak, S	F5-406

#### MATH 260- Precalculus (UC/CSU) - 5 Units

Requirement Designation:	Meets IGETC 2A CSU B4
Enrollment Requirement:	Prerequisites: MATH 240 or 241 or 241S or 258 or placement in MT2
-	or MT2S

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.

Class No	Component	Start/End Time	Days	Instructor	Room		
24523 And	LEC LEC	7:00 am - 9:50 am 2:20 hrs/wk	TWTh TBA	Kunarak, S Kunarak, S	F5-406 TONLINENO		
Some in person meetings are required as scheduled. The remaining activities are online. (Starts 10/21/2024, Ends 12/15/2024)							
13645	LEC	10:10 am - 12:40 pm	MW	Guerrero, S A	F5-415		
15172	LEC	10:10 am - 12:40 pm	TTh	Maheta-Wells, P	F5-413		

#### MATH 261- Calculus I - 5 Units

**Enrollment Requirement:** Prerequisite: MATH 260 or MATH 260S with a a grade of C or better, or appropriate skill level demonstrated through the math placement process.

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Math 261 is the first in a series of three courses covering calculus. Students will investigate limits, continuity, differentiation and some integration of algebraic and transcendental functions. Students will explore applications of calculus include related rates, optimization of one-variable functions, calculation of areas, volumes, arc length and growth.

Class No	Component	Start/End Time	Days	Instructor	Room
25804	LEC	7:00 am - 9:30 am	TTh	Lopez, A E	F5-415
25805	LEC	7:00 am - 9:30 am	MW	Guerrero, S A	F5-415

#### MATH 262- Calculus II - 5 Units

**Enrollment Requirement:** Prerequisite of MATH 261 or MATH 265 with a grade of C or better. Math 262 is the second in a three-course sequence in calculus. Topics include differentiation and integration of logarithmic, exponential, circular and hyperbolic functions and their inverses, indeterminate forms, improper integrals, standard techniques of integration, applications of integration, parametric equations and polar coordinates, arc length, area of a surface of revolution, infinite sequences and series, and representation of functions as power series.

Class No	Component	Start/End Time	Days	Instructor	Room
25807	LEC	7:00 am - 9:30 am	TTh	Webster, K	F5-408

## MATH 263- Calculus III - 5 Units

**Enrollment Requirement:** Prerequisite of MATH 262 OR MATH 266 with a grade of C or better. Math 263 is the third of a three-course sequence in calculus. Topics include vectors and the geometry of space, vector functions, partial derivatives, multiple integrals, and vector calculus.

Class No	Component	Start/End Time	Days	Instructor	Room
25808	LEC	7:00 am - 9:30 am	MW	Meftagh, T S	F5-412

#### MATH 270- Linear Algebra (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 266 or 262

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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

## LA Trade-Technical College

F5-410

LF

24690	LEC	7:00 am - 8:25 am	MW	Avila,
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#### Microbiology MICRO 020- General Microbiology (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 5B 5C CS

Enrollment Requirement:

Meets IGETC 5B 5C CSU B2 B3

ment: 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.

13740 AND         LEC         8:30 am - 9:55 am         TTh         Pantastico Caldas, M C         B3-308           13741         LAB         10:05 am - 11:30 am         TTh         Pantastico Caldas, M C         C4-408           13738         LEC         3:10 hrs/wk         TBA         Aguilar, J         TONLINENO	Class No	Component	Start/End Time	Days	Instructor	Room
		LEC	8:30 am - 9:55 am	TTh	Pantastico Caldas, M C	B3-308
13738 LEC 3:10 hrs/wk TBA Aguilar, J TONLINENO	13741	LAB	10:05 am - 11:30 am	TTh	Pantastico Caldas, M C	C4-408
	13738	LEC	3:10 hrs/wk	TBA	Aguilar, J	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online. **AND** 

13739 LAB 8:00 am - 11:10 am W Aguilar, J C4	13739
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Some in person meetings are required as scheduled. The remaining activities are online.

## **Microcomputer Technician**

#### **MICROTK 077- Cisco Networking Academy - Semester I - 3 Units**

The first in a four course sequence. that qualifies the student to take the CISCO CCNA Certification Test; and covers Fundamentals of Computer Internet-working, Safety Technology, Protocols, Network Theory and Standards, Cabling, Electrical Considerations, OSI Models, IP Addressing and basic networking Hardware.

Class No	Component	Start/End Time	Days	Instructor	Room
19227 ***This clas	LEC s will meet in-perso	12:35 pm - 1:40 pm n at LATTC***	TTh	Zhang, M	B1-228
<b>AND</b> 19228	LAB s will meet in-perso	1:50 pm - 3:15 pm	TTh	Zhang, M	B1-228

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
14886 ***This clas <b>AND</b>	LEC s will meet in-person	12:35 pm - 1:40 pm n at LATTC. See schedule of c	TTh classes for meeting loo	Zhang, M cation details.***	B1-228
14887 ***This clas	LAB s will meet in-persor	1:50 pm - 3:15 pm n at LATTC. See schedule of c	TTh classes for meeting loo	Zhang, M cation details.***	B1-228

## 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 ranger of computer programs.

Class No	Component	Start/End Time	Days	Instructor	Room
13762	LEC	7:00 am - 7:50 am	W	Chavez, E L	B1-231
***This clas AND	s will meet in-perso	n at LATTC. See schedule for	r meeting location	on details.***	
13763	LAB	8:00 am - 11:10 am	W	Chavez, E L	B1-231
		n at LATTC. See schedule for			2.201
MICRO	TK 162- It E	ssentials Network	ing Perso	onal Computers - 4 L	Jnits
			-		cal area networks. System
		bleshooting is also cov			D
Class No	Component	Start/End Time	Days	Instructor	Room
13764	LEC	7:00 am - 9:05 am	Т	Chavez, E L	B1-231
	s will meet in-perso	n at LATTC. See schedule for	r meeting location		
<b>AND</b> 13765	LAB	7:00 am - 9:50 am	Th	Chavez, E L	B1-231
And	LAB	9:15 am - 12:45 pm	T	Chavez, E L Chavez, E L	B1-231 B1-231
***This clas	s will meet in-perso	n at LATTC. See schedule for	r meeting location		-
MICRO	TK 164- It E	ssentials Microco	mputer T	heory And Servicing	g - 5 Units
				iters and their related pe	ripherals. Hands-on
		n diagnosing a range o		-	
Class No	Component	Start/End Time	Days	Instructor	Room
13766	LEC	7:00 am - 10:10 am	M	Chavez, E L	B1-231
AND	s will meet in-perso	n at LATTC. See schedule for	r meeting location	on details.	
13767	LAB	10:20 am - 1:30 pm	М	Chavez, E L	B1-231
And	LAB	10:20 am - 1:30 pm	Th The section of the section	Chavez, E L	B1-231
		n at LATTC. See schedule for <b>r Mechanic</b>	r meeting locatio	on details.	
			Dringin	on And Donair (CSU	
		n in the area of motorc	-	es And Repair (CSU	) - 4 Onits
Class		Start/End Time	Days	Instructor	Room
No	Component		Luje		
13701	LEC	7:30 am - 10:40 am	Sa	Mostafa, O	B1-124
***THIS CL AND	ASS WILL MEET IN	I-PERSON AT LATTC. SEE S	SCHEDULE FO	R MEETING LOCATION DETAIL	_S.***
13702	LAB	10:50 am - 2:00 pm	Sa	Mostafa, O	B1-124
				R MEETING LOCATION DETAIL	
MCYC	MEK 216- Mo	otorcycle Engine C	Verhaul /	And Diagnosis (CSU	J) - 4 Units
			•	• •	the student will learn the
					cs and mathematics applied
		able to disassemble, in Start/End Time		nose and reassemble m	
Class No	Component		Days	Instructor	Room

## LA Trade-Technical College

13703 ***THIS C <b>AND</b>	LEC LASS WILL MEET I	6:00 pm - 7:25 pm N-PERSON AT LATTC. SEE S	TTh CHEDULE FOR MEE	Mostafa, O TING LOCATION DETAILS.*	** **			
13704	LAB LASS WILL MEET I	7:35 pm - 9:00 pm N-PERSON AT LATTC. SEE S	TTh CHEDULE FOR MEE	Mostafa, O TING LOCATION DETAILS.*	B1-124			
Music	;							
MUSIC	C 101- Funda	mentals Of Music (	(UC/CSU) - 3	Units				
	ement Designat		· · · · · · · · · · · · · · · · · · ·					
		d for the general studen						
		ales and key signatures		•				
Class No	Component	Start/End Time	Days	Instructor	Room			
18724	LEC	10:10 am - 11:35 am	Т	Ray, E J	F5-201			
And	LEC	1:25 hrs/wk	ТВА	Ray, E J	TONLINENO			
Some in p	erson meetings are	required as scheduled. The rem	naining activities are o	nline.				
25238	LEC	11:45 am - 1:10 pm	MW	Kwon, B W	F5-201			
10010								
10310	LEC	3:10 hrs/wk	ТВА	Ray, E J	TONLINENO			
No real-tin	ne meetings are req	uired. All activities are online.						
16557	LEC	6:30 hrs/wk	ТВА	Ray, E J	TONLINENO			
	No real-time meetings are required. All activities are online.							
(Starts 10/2	21/2024, Ends 12/15/20	024)						
19074	LEC	3:10 hrs/wk	ТВА	Kwon, B W	TONLINENO			

No real-time meetings are required. All activities are online.

## Philosophy PHILOS 001- Introduction To Philosophy (UC/CSU) - 3 Units Requirement Designation: Meets IGETC 3B CSU C2

Requirement Designation:

Meets	IGEI	C 3B	CSU	C2

Class No	tion To Philoso Component	Start/End Time	Days	Instructor	Room
12172	LEC	8:35 am - 10:00 am	MW	Shirikjian, V G	F5-212
20774	LEC	1:30 pm - 2:55 pm	MW	Waters, F G	F5-213
12175	LEC	6:00 pm - 9:10 pm	т	Egan, R J	F5-206

## LA Trade-Technical College

Room

TONLINENO

17012	LEC	3:10 hrs/wk	ТВА	Waters, F G	TONLINENO		
No real-time meetings are required. All activities are online.							

## PHILOS 008- Deductive Logic (UC/CSU) - 3 Units

	<i>ment Designati</i> ve Logic	ion: Meets CS	SU A3		
Class No	Component	Start/End Time	Days	Instructor	
14940	LEC	3:10 hrs/wk	TBA	Shirikjian, V G	

No real-time meetings are required. All activities are online.

## PHILOS 020- Ethics (UC/CSU) - 3 Units

<i>Requirei</i> Ethics	ment Designati	ion: Meets IGETC	3B CSU C2		
Class No	Component	Start/End Time	Days	Instructor	Room
18671	LEC	3:10 hrs/wk	ТВА	Shirikjian, V G	TONLINENO

No real-time meetings are required. All activities are online.

#### Physics PHYSICS 006- General Physics I (UC/CSU) - 4 Units Requirement Designation:

Meets IGETC 5A 5C CSU B1 B3

Prerequisite: MATH 240 or equivalent Trigonometry course Enrollment Requirement: 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 gualitative experiments which permit students to verify, illustrate, and deduce various laws of physics.

Class No	Component	Start/End Time	Days	Instructor	Room				
11318	LEC	1:00 pm - 4:10 pm	F	De, R	TONLINELIV				
Real-time	Real-time meetings are required as scheduled. All activities are online.								

AND

11319 L	LAB	6:30 pm - 9:40 pm	W	De, R	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

## 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.

Class Component Start/End Time Days Instructor Room No

## LA Trade-Technical College

11470	LEC	8:00 am - 11:10 am	F	Shields, V B	TONLINENO				
Real-time <b>AND</b>	Real-time meetings are required as scheduled. All activities are online.								
11474	LAB	11:20 am - 2:30 pm	F	Shields, V B	TONLINELIV				
Real-time	meetings are requir	ed as scheduled. All activities ar	re online.						
11485	LEC	8:00 am - 11:10 am	Sa	Tekola, A	TONLINELIV				
Real-time <b>AND</b>	meetings are requir	ed as scheduled. All activities ar	re online.						
11489	LAB	12:00 pm - 3:10 pm	Sa	Tekola, A	TONLINELIV				
Real-time	meetings are requir	ed as scheduled. All activities ar	re online.						
14944	LEC	3:10 hrs/wk	TBA	Khan, M	TONLINELIV				
		online blended format, which rependently each week for the an							
14945	LAB	7:00 am - 10:05 am	W	De, R	TONLINELIV				
This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. <b>PHYSICS 012- Physics Fundamentals (UC/CSU) - 3 Units</b> <i>Requirement Designation: Meets IGETC 5A CSU B1</i> 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.									
Class No	Component	Start/End Time	Days	Instructor	Room				
16586, Ins									
No real-tim	No real-time meetings are required. All activities are online.								

#### 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								
Class No	Component	Start/End Time	Days	Instructor	Room			
14508 <b>AND</b>	LEC	10:10 am - 11:35 am	MW	Klee, V	C4-422			
14509	LAB	11:45 am - 2:55 pm	MW	Klee, V	C4-422			

#### PHYSICS 102- Physics For Engineers And Scientists II (UC/CSU) - 5 Units

Requirement Designation:Meets IGETC 5A 5C CSU B1 B3Enrollment Requirement:Prerequisite: PHYSICS 101Corequisite:MATH 266

Physics For Engineers And Scientists II

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
14912 <b>AND</b>	LEC	10:10 am - 11:35 am	TTh	Klee, V	C4-422
14913	LAB	11:45 am - 2:55 pm	TTh	Klee, V	C4-422

#### PHYSICS 103- Physics For Engineers And Scientists III (UC/CSU) - 5 Units

Requirement Designation: Enrollment Requirement: *Meets IGETC 5A 5C CSU B1 B3* Prerequisite: PHYSICS 101 Corequisite: MATH 267

Physics For Engineers And Scientists III

Class No	Component	Start/End Time	Days	Instructor	Room	
14914	LEC	3:00 pm - 4:25 pm	TTh	Moreno, M A	TONLINELIV	
Real-time <b>AND</b>	meetings are require	ed as scheduled. All activities	s are online.			
14915	LAB	4:35 pm - 7:45 pm	TTh	Klee, V	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### Physiology PHYSIOL 001- Introduction To Human Physiology (UC/CSU) - 4 Units

Requirement Designation:

**Enrollment Requirement:** 

Meets IGETC 5B 5C CSU B2 B3

ent: Prerequisite: ANATOMY 001 and CHEM 051 or CHEM 065 or CHEM 101

Gee, A L

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.

Class No	Component	Start/End Time	Days	Instructor	Room
20882 <b>AND</b>	LEC	8:00 am - 11:10 am	W	STAFF, L	B3-309
20883	LAB	8:00 am - 11:10 am	Μ	STAFF, L	C4-468
20879	LEC	3:10 hrs/wk	ТВА	Gee, A L	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online.

AND			
20880	LAB	9:50 am - 1:00 pm	Т

Some in person meetings are required as scheduled. The remaining activities are online.

## Plumbing

## 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<br/>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<br/>estimating procedures for each of these units. Pricing methods and bidding practices are included.ClassComponentStart/End TimeDaysInstructorRoom

C4-468

## LA Trade-Technical College

19273	LEC	6:00 pm - 9:10 pm	Μ	Jones, L	E2-222
In-person o	on campus.				

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10083	LEC	6:00 pm - 9:10 pm	W	Jones, L	E2-222	
You must	be a registered appr	entice with local 501 to atter	nd this class.			

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
26100	LAB	6:00 pm - 9:10 pm	TTh	Galvan, W M	E2-200

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10117 In-person d	LAB	7:00 am - 10:35 am	TTh	Galvan, W M	E2-352	

#### 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).

No	Component		Days		Koom	
10127 In-person	LEC on campus.	10:45 am - 12:10 pm	TTh	Galvan, W M	E2-352	

## LA Trade-Technical College

10121	LEC	6:00 pm - 9:10 pm	М	Galvan, W M	E2-200B
In-person	on campus.				

#### 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. Class Component Start/End Time Days Instructor Room

0.400	e e inpenient		- ayo		
No					
10134	LEC	7:00 am - 8:15 am	MWF	Galvan, W M	E2-352
In-person o	n campus.				
AND					
10139	LAB	8:25 am - 10:50 am	MWF	Galvan, W M	E2-200
In-person o	n campus.				

## PLUMBNG 121- Working Drawings And Layout I - 3 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
10144	LEC	7:00 am - 8:25 am	MW	Jones, L	E2-222	
In-person	on campus.					

#### PLUMBNG 122- Plumbing Mathematics And Procedures II - 3 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10152	LEC	7:00 am - 8:25 am	TTh	Jones, L	E2-222
In-person	on campus.				

#### **PLUMBNG 123- Plumbing Practices And Installation - 6 Units**

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10158 In-person	LAB on campus.	8:35 am - 11:45 am	MTWThF	Jones, L	E2-222

## PLUMBNG 131- Working Drawing II - 3 Units

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.

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No						
10163	LEC	7:00 am - 8:25 am	TTh	Slade, T W	E2-200B	
In-person on campus.						

## PLUMBNG 132- Plumbing Mathematics And Procedures II - 3 Units

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. Component Start/End Time Instructor Room Class Days No 10167 LAB 8:35 am - 12:10 pm TTh Slade, TW E2-200 In-person on campus.

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room	
	LEC on campus.	7:00 am - 8:05 am	MWF	Slade, T W	E2-200B	
<b>AND</b> 10171	LAB	8:15 am - 10:45 am	MWF		E2-200B	

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10173 In-person o	LEC	7:00 am - 8:25 am	MW	Gonsales, R	E2-200B

## PLUMBNG 142- Servicing Of Plumbing Fixtures And Appliances (RPT 3) - 3 Units

This course covers proper methods of repairing plumbing fixtures and appliances, preparing for the repair job, and estimating the job.

Class No	Component	Start/End Time	Days	Instructor	Room	
10179 In-person d	LAB on campus.	7:05 am - 10:15 am	TTh	Gonsales, R	E2-200	

## 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10189 In-person d	LAB on campus.	8:35 am - 11:45 am	MW	Gonsales, R	E2-200

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#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10196	LAB	7:00 am - 11:50 am	F	Gonsales, R	E2-200
And In-person	LAB on campus.	10:20 am - 11:05 am	TTh	Gonsales, R	E2-200

#### PLUMBNG 941- Cooperative Education - Plumbing (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education. 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
13816 In-person c	LEC on campus (1 to 2 m	4:25 hrs/wk neeting).	ТВА	Blumenfeld, S	E2-105

## **Political Science**

## POL SCI 001- The Government Of The United States (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8 US-2 US-3 The Government Of The United States						
Class No	Component	Start/End Time	Days	Instructor	Room	
12376	LEC	9:00 am - 12:10 pm	Sa	STAFF, L	TONLINELIV	
Real-time m	neetings are required	d as scheduled. All activities are	online.			
21582	LEC	10:10 am - 11:35 am	MW	Vaden, B D	F5-310	
21583	LEC	11:45 am - 1:10 pm	MW	Vaden, B D	F5-310	
12372	LEC	1:25 pm - 2:50 pm	TTh	STAFF, L	F5-201	
12365	LEC	3:10 hrs/wk	ТВА	Vaden, B D	TONLINENO	
<b>N N N</b>						

No real-time meetings are required. All activities are online.

## LA Trade-Technical College

No real-time meetings are required. All activities are online.								
2368 LEC	3:10 hrs/wk	ТВА	Vaden, B D	TONLINENO				
, i i i i i i i i i i i i i i i i i i i	·		Vaden, B D	TON				

No real-time meetings are required. All activities are online.

## POL SCI 002- Introduction to Comparative Politics (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8								
Introduction to Comparative Politics								
Class	Component	Start/End Time	Days	Instructor	Room			
No								
19157	LEC	3:10 hrs/wk	TBA	STAFF, L	TONLINENO			

No real-time meetings are required. All activities are online.

#### Power Line Mech Trne ELECL 601- Power Line Mechanic - Trainee (600 Hours) - 15 Units

Enrollment Requirement:

Prerequisite: ECONMT 119 or ECONMT 173 and ECONMT 116 Note: Department clearance required for enrollment. Please see a counselor for more details.

The goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered.

			D		<b>D</b>
Class	Component	Start/End Time	Days	Instructor	Room
No					
21565	LEC	7:00 am - 8:10 am	MTWThF	Sylvers, A P	B1-208
Informatior	n: https://www.lattc.e	edu/academics/aos/powerline-r	mechanic	-	
AND					
21566	LAB	8:20 am - 2:10 pm	MTWThF	Sylvers, A P	A1-POLE
Information	n: https://www.lattc.e	edu/academics/aos/powerline-i	mechanic	<b>,</b> ,	
25953	LEC	10:00 am - 11:10 am	MTWThF	Estrada, R	B1-208
Informatior	n: https://www.lattc.e	edu/academics/aos/powerline-r	mechanic		
AND					
25954	LAB	11:10 am - 5:20 pm	MTWThF	Estrada, R	A1-POLE
Information	h: https://www.lattc.e	edu/academics/aos/powerline-i	mechanic		
15263	LEC	5:00 pm - 7:05 pm	TWTh	Watson, D A	B1-151
Information	n: https://www.lattc.e	edu/academics/aos/powerline-r	mechanic	,	
	6/2024, Ends 06/09/20				
AND					
15264	LAB	5:00 pm - 10:00 pm	TWTh	Watson, D A	A1-POLE
And	LAB	5:00 pm - 10:00 pm	TWTh	Watson, D A	A1-POLE
				,	

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And LAB 7:05 pm - 9:55 pm TWTh Information: https://www.lattc.edu/academics/aos/powerline-mechanic (Starts 08/26/2024, Ends 06/09/2025) Watson, D A

A1-POLE

#### Process Plant Technology

## PRPLTEK 102- Process Measurement And Control Fundamentals (CSU) - 3 Units

#### Enrollment Requirement: Advisory: CHEM 051

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, water processing and wastewater treatment industries, etc. Included is an introduction to industrial control systems, controller schemes and tuning, and process diagrams and P&IDs. Class Component Start/End Time Days Instructor Room

No	•		•			
22512	LEC	9:00 am - 12:10 pm	М	Shields, V B	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

## 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, water and wind turbines, electric motors, furnaces, heat exchangers, cooling towers, boilers, storage tanks, distillation towers reactors and process instrumentation

Class No	Component	Start/End Time	Days	Instructor	Room
22573 <b>AND</b>	LEC	11:30 am - 1:35 pm	Т	Shields, V B	C4-305
22574	LAB	11:30 am - 2:40 pm	Th	Shields, V B	C4-305

## **PRPLTEK 104- Introduction To Applied Sciences - 4 Units**

This course provides an introduction to the field of environmental, safety, and health within the chemical laboratory, biotechnology, biomanufacturing, waste water treatment and chemical process industries. Students will be introduced to various types of laboratory and plant safety techniques and hazards. In addition an overview will be provided of safety and environmental systems and equipment, and state and federal regulations under which laboratory testing, plant processes, bio and chemical manufacturing are governed.

No	Component	Start/End Time	Days	Instructor	Room	
17534	LEC	5:30 pm - 6:35 pm	Т	Sutton, C	TONLINELIV	
Real-time <b>AND</b>	meetings are require	ed as scheduled. All activities	s are online.			
17535	LAB	5:30 pm - 9:00 pm	Th	Sutton, C	TONLINELIV	
And	LAB	6:45 pm - 9:35 pm	I	Sutton, C	TONLINELIV	

Real-time meetings are required as scheduled. All activities are online.

#### PRPLTEK 204- Ptech Instrumentation - Computer Applications (CSU) - 2 Units Enrollment Requirement: Advisory: PRPLTEK 102

This advanced course introduces students to the computerized software used to manipulate process operations in chemical industries including petrochemical, wastewater, water processing, pharmaceutical and numerous other operations. The student will gain operational experience in understanding the relationship

## LA Trade-Technical College

between industrial process diagrams and P&IDs and the computer control software used to run industrial facilities.

Class No	Component	Start/End Time	Days	Instructor	Room
20956	LEC	6:00 pm - 8:05 pm	W	Shields, V B	C4-305

## Psychology

#### PSYCH 001- Introductory Psychology (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4I CSU D9

Enrollment Requirement: Advisory: English 100 or 101

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.

Class	Component	Start/End Time	Days	Instructor	Room
18974	LEC	9:00 am - 12:10 pm	Sa	STAFF, L	F5-213
18972	LEC	10:10 am - 11:35 am	TTh	STAFF, L	F5-310
Miguel Cor 322 Lucas	LEC ership Program secti htreras Learning Cor Ave., es, CA 90017	-	MTh	STAFF, L	OFF CAMP
Enrollment	and participation on	ly for [name of high school] stud	dents as a part of a CO	CAP-AB288 agreement.	
This class s	section will meet in-p	person at [name of high school].			
For more in	nformation, please co	ontact the k12 Partnership Prog	ram at (213) 763-3960	6.	
22775	LEC	1:25 pm - 2:50 pm	MW	STAFF, L	F5-312
John Frem 7676 San F	LEC LEC ership Program secti ont High School Pedro St., es, CA 90003	2:26 pm - 3:23 pm 1:05 hrs/wk on]	MW TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO

Enrollment and participation only for John Fremont High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at John Fremont High School with additional activities and coursework completed online.

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For more information, please contact the k12 Partnership Program at (213) 763-3966.

18973	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities are	e online.		
18975	LEC	6:00 pm - 9:10 pm	М	STAFF, L	TONLINELIV
Real-time I	meetings are require	ed as scheduled. All activities are	e online.		
13151	LEC	3:10 hrs/wk	ТВА	Bentley, M J	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
18971	LEC	3:10 hrs/wk	ТВА	Bentley, M J	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
18976	LEC	6:30 hrs/wk	ТВА	STAFF, L	TONLINENO
	ne meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 124)			
18977	LEC	6:30 hrs/wk	ТВА	Bentley, M J	TONLINENO
	ne meetings are requ 1/2024, Ends 12/15/20	uired. All activities are online. 124)			
25491 [k12 Partne STEAM Ac	LEC ership Program sect ademy	3:35 hrs/wk ion]	ТВА	STAFF, L	TONLINENO

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online.

For more information, please contact the k12 Partnership Program at (213) 763-3966. (Starts 09/09/2024, Ends 12/15/2024)

#### PSYCH 032- Psychology Of Women (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4I CSU D4 D9

This course will provide a better understanding of the experiences of women through an exploration of cultural stereotypes, family structure, female sexuality, women's health and self-esteem issues. Moreover, this course will provide an overview of women's issues from a psychological perspective ranging from a re-examination of traditional theories of personality to current topics of research interest. Where applicable, the course draws heavily from the research literature on sex differences and sex role socialization.

Class No	Component	Start/End Time	Days	Instructor	Room
17358	LEC	3:10 hrs/wk	TBA	STAFF, L	TONLINENO

No real-time meetings are required. All activities are online.

"This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

#### PSYCH 041- Life-Span Psychology: From Infancy To Old Age (UC/CSU) - 3 Units

		pan i sychology. I			50) - 5 Onits
Require	ment Designati	on: Meets IGETC	4 CSU D E		
Enrollm	nent Require	ment: Prerequisite:	PSYCH 001		
		Advisory: EN			
This say		5			
			<b>e</b>		opment from conception
0	•	g biological and environ			
cognitive	e, personality, a	and social development	are examined, a	s well as attention to c	levelopmental problems.
Class No	Component	Start/End Time	Days	Instructor	Room
13392	LEC	8:35 am - 10:00 am	TTh	Bentley, M J	F5-213
	. = 0		-		
13393	LEC	6:00 pm - 9:10 pm	Т	STAFF, L	TONLINELIV
Real-time r	meetings are require	ed as scheduled. All activities ar	e online.		
	5				
18988	LEC	6:30 hrs/wk	ТВА	Bentley, M J	TONLINENO
	e meetings are requ 6/2024, Ends 10/20/20	uired. All activities are online. 24)			
	. = 0	/ .		· · · · ·	
19167	LEC	6:30 hrs/wk	ТВА	STAFF, L	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### PSYCH 069- Psychology In Film (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4I CSU D9

Advisory: ENGLISH 100 Enrollment Requirement:

Students analyze a variety of films that portray specific human behaviors, characteristics, and disorders as discussed in General Psychology I. A lecture/discussion accompanying each film provides a more in depth analysis of the relevant topic than covered in General Psychology I. Students discuss topics drawn from research methods, biological psychology, sensation and perception, states of consciousness, learning, memory, intelligence, motivation, human development, personality, emotions and stress, human sexuality and gender, social psychology, abnormal psychology, and clinical psychology.

Class No	Component	Start/End Time	Days	Instructor	Room
24781	LEC	10:10 am - 11:35 am	MW	STAFF, L	F5-312

#### PSYCH 074- Research Methods In The Behavioral Sciences (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4 CSU D

Prerequisite: PSYCH 001 and MATH 227 **Enrollment Requirement:** 

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.

Class	Component	Start/End Time	Days	Instructor	Room	
			j -			

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NI -					
No	150	2.40 hrs/ul/	TDA		
16303	LEC	3:10 hrs/wk	ТВА	STAFF, L	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online	9.		
Public	Relations				
<b>PUB</b> R	EL 001- Prin	ciples Of Public	<b>Relations (C</b>	CSU) - 3 Units	
Principle	es Of Public Re	lations	-		
Class No	Component	Start/End Time	Days	Instructor	Room
23444	LEC	6:30 hrs/wk	TBA	STAFF, L	TONLINENO
Deal					
<b>REAL</b> Real Es	tate Principles	I Estate Principle	, ,		Room
REAL	ES 001- Rea	I Estate Principle Start/End Time	es (CSU) - 3 <sub>Days</sub>	Units Instructor	Room
REAL Real Es Class	ES 001- Rea tate Principles	•	, ,		<b>Room</b> TONLINENO
REAL Real Est Class No 10407	ES 001- Rea tate Principles Component	- Start/End Time	<b>Days</b> TBA	Instructor	
REAL Real Est Class No 10407 No real-tim REAL	ES 001- Rea tate Principles Component LEC ne meetings are requ ES 003- Rea	Start/End Time 3:10 hrs/wk	Days TBA	Instructor Porter, A E	
REAL Real Est Class No 10407 No real-tim REAL Real Est	ES 001- Rea tate Principles Component LEC ne meetings are requ ES 003- Rea tate Practices	Start/End Time 3:10 hrs/wk uired. All activities are online	Days TBA 5. 5. 5. (CSU) - 3 U	Instructor Porter, A E Jnits	TONLINENO
REAL Real Est Class No 10407 No real-tim REAL	ES 001- Rea tate Principles Component LEC ne meetings are requ ES 003- Rea	Start/End Time 3:10 hrs/wk uired. All activities are online	Days TBA	Instructor Porter, A E	
REAL Real Est Class No 10407 No real-tim REAL Real Est Class	ES 001- Rea tate Principles Component LEC ne meetings are requ ES 003- Rea tate Practices	Start/End Time 3:10 hrs/wk uired. All activities are online	Days TBA 5. 5. 5. (CSU) - 3 U	Instructor Porter, A E Jnits	TONLINENO

## REAL ES 007- Real Estate Finance I (CSU) - 3 Units

R	eal Esta	ate Finance I				
C	Class	Component	Start/End Time	Days	Instructor	Room
Ν	lo	•		•		
14	1390	LEC	3:10 hrs/wk	ТВА	Smith, K L	TONLINENO

No real-time meetings are required. All activities are online.

# REAL ES 014- Property Management (CSU) - 3 Units

Property Management							
Class No	Component	Start/End Time	Days	Instructor	Room		
16150	LEC	6:30 hrs/wk	TBA	Porter, A E	TONLINENO		

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

## **Refrig & Air Condition Mechan**

## LA Trade-Technical College

#### **REF A/C 100- Air Conditioning Project Management - 3 Units**

This course provides HVAC Industry Project Manager instruction. Topics covered will include blueprint<br/>reading, Microsoft spreadsheets, Microsoft Word documents, Microsoft Project, design build criteria,<br/>estimating, change orders, request for information, GANTT Charts, scheduling, schedule of values, purchase<br/>orders, submittals, transmittals, reading of air balance reports, warranty letters and close out packages.ClassComponentStart/End TimeDaysInstructorRoomNo

22677 LEC 6:00 pm - 9:10 pm W Kirschenbaum, B D E2-250

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room
15420 In-person c	LAB on campus.	7:00 am - 12:35 pm	MTWTh	Cioffi, G	E2-250

## **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,

Class No	Component	Start/End Time	Days	Instructor	Room
10584 In-person o	LEC on campus.	7:00 am - 10:10 am	F	Williams, T S	E2-232

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room			
10589	LAB	7:00 am - 11:50 am	MW	Williams, T S	E2-221			
In-person on campus.								

## **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.

Class Component Start/End Time	Days	Instructor	Room	
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## LA Trade-Technical College

No						
10591	LAB	7:00 am - 11:50 am	TTh	Williams, T S	E2-221	
In-person	on campus.					

## **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.

01033	oomponent		Days		Koom
No					
10593	LEC	8:00 am - 11:10 am	Sa	Needham, M R	E2-203
In-person of	n campus.				
AND					
10594	LAB	11:40 am - 4:00 pm	Sa	Needham, M R	E2-203
In-person of	n campus.				

#### REF A/C 164- Gas Heating Systems (CSU) - 4 Units

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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						
10628	LEC	6:00 pm - 7:25 pm	MW	Stirbis, N D	E2-232	
In-person	on campus.					
AND						
10632	LAB	7:35 pm - 9:40 pm	MW	Stirbis, N D	E2-232	

#### REF A/C 187- Servicing I - 3 Units

This course reviews servicing procedures, manufacturer's recommendations, installation and servicing of commercial and industrial refrigeration and air conditioning systems.

Class No	Component	Start/End Time	Days	Instructor	Room	
19277 In-person o	LEC on campus	6:00 pm - 9:10 pm	Т	Dayao, F R	E2-233	

#### REF A/C 188- Servicing II - 3 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10645 In-person o	LEC on campus.	6:00 pm - 9:10 pm	Th	Dozier, K M	E2-233

#### REF A/C 201- Air Conditioning and Refrigeration Principles - Second Semester - 9 Units

Instruction is given in basic electricity and electrical components as they relate to the HVAC&R industry. The use of electrical schematic diagrams is stressed throughout the semester.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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16397	LAB	7:00 am - 12:35 pm	MTWTh	Dozier, K M	E2-237
In-person c	on campus.				

## **REF A/C 202- Refrigeration Fundamentals (CSU) - 3 Units**

This cou	This course covers applied thermodynamics, types of energy, gas laws, sensible and latent heat transfer.							
Class	Component	Start/End Time	Days	Instructor	Room			
No								
10657 In-person o	LEC on campus.	6:00 pm - 9:10 pm	W	Dayao, F R	E2-233			

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
19223 In-person o	LEC on campus.	6:00 pm - 9:10 pm	Т	Dozier, K M	E2-232

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10664 In-person o	LEC on campus.	6:00 pm - 9:10 pm	Th	Needham, M R	E2-203

## 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

Class No	Component	Start/End Time	Days	Instructor	Room
10666	LEC	4:25 hrs/wk	TBA	Cioffi, G	TONLINENO

No real-time meetings are required. All activities are online.

# 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!

	,	,	, , ,	,		
Class	Component	Start/End Time	Days	Instructor	Room	
No						

## LA Trade-Technical College

17029	LEC	4:15 hrs/wk	TBA	Cioffi, G	TONLINENO
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No real-time meetings are required. All activities are online.

## REF A/C 250- Indoor Air Quality - 3 Units

This course emphasizes on operation of systems to provide quality air to indoor environments. AQMDrequirements and pending regulations are reviewed. Organizing and implementing maintenance programsthat include indoor air quality assessment and air balancing HVAC systems are covered.ClassComponentStart/End TimeDaysInstructorRoomNo

22446	LEC	6:00 pm - 9:10 pm	Т	Williams, T S	E2-232

# 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
15155 In-person o <b>AND</b>	LEC on campus.	7:00 am - 10:10 am	Th	Needham, M R	E2-203
15156 In-person o	LAB on campus.	7:00 am - 1:30 pm	MTW	Needham, M R	E2-203

# REF A/C 941- Cooperative Education-Refrigeration & Air Conditioning Mech (CSU) (RPT 3) - 4 Units

Enrollment Requirement: Maximum of 16 lifetime units in cooperative education.

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
10691 In-person o	LEC on campus (1 to 2 m	4:25 hrs/wk eeting).	ТВА	Blumenfeld, S	E2-105

## **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
26081	LEC	8:00 am - 11:10 am	F	Wemischner, R B	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

## Sign Graphics

## LA Trade-Technical College

#### 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	
16905	LAB	7:00 am - 12:20 pm	TWThF	Aguilar, J C	C2-201	

#### **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.

Class No	Component	Start/End Time	Days	Instructor	Room
16906	LAB	7:00 am - 12:20 pm	TWThF	Aguilar, J C	C2-201

#### 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.

No	Component		Days		Room
16907	LAB	7:00 am - 12:20 pm	TWThF	Sevilla, E A	C2-201

#### 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 antigue sign,

Class No	Component	Start/End Time	Days	Instructor	Room
16908	LAB	7:00 am - 12:20 pm	TWThF	Sevilla, E A	C2-201

## LA Trade-Technical College

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
16909	LAB	8:35 am - 3:05 pm	Sa	STAFF, L	C2-205

#### 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. This course also offers practice on a variety of substrates and uses including four color process printing.

Class No	Component	Start/End Time	Days	Instructor	Room
16910	LAB	8:35 am - 3:05 pm	Sa	STAFF, L	C2-205

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
11532 <b>AND</b>	LEC	6:00 pm - 7:05 pm	Т	STAFF, L	D4-330
11533	LAB	7:15 pm - 9:35 pm	Т	STAFF, L	D4-330

#### 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.

Soltware will be produced.						
Class No	Component	Start/End Time	Days	Instructor	Room	
`	LEC 2/2024, Ends 12/15/202	7:00 am - 8:05 am <sup>24)</sup>	М	Sevilla, E A	B1-215	
`	LAB 2/2024, Ends 12/15/202	8:15 am - 10:35 am <sup>24)</sup>	Μ	Sevilla, E A	B1-215	
Sociol	ogy					

## SOC 001- Introduction To Sociology (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4J CSU D0

Introduction To Sociology

introduction to boolology							
Class	Component	Start/End Time	Days	Instructor	Room		
No							

## LA Trade-Technical College

11980	LEC	8:35 am - 10:00 am	TTh	Khonach, T L	F5-310
20051 (Starts 10/2	LEC 1/2024, Ends 12/15/20	8:35 am - 11:55 am <sup>)24)</sup>	TTh	STAFF, L	F5-412
25504 [k12 Partn STEAM Ac	LEC ership Program sect cademy	9:00 am - 12:50 pm tion]	Sa	STAFF, L	TONLINELIV
Enrollment	t and participation a	re open to all students.			
This class	section will meet on	line via Zoom.			
	nformation, please o 9/2024, Ends 12/15/20	contact the k12 Partnership Proc	gram at (213) 763-396	6.	
Augustus I 825 W. 60	LEC LEC ership Program sect Hawkins High Schoo th St., es, CA 90044		F W	STAFF, L STAFF, L	OFF CAMP OFF CAMP
Enrollment	t and participation or	nly for Augustus Hawkins High S	School students as a	part of a CCAP-AB288 agreer	nent.
This class	section will meet in-	person at Augustus Hawkins Hi	gh School.		
For more i	nformation, please o	contact the k12 Partnership Proc	gram at (213) 763-396	6.	
11945	LEC	10:10 am - 11:35 am	MW	Howard, R	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
11948	LEC	11:45 am - 1:10 pm	MW	Howard, R	F5-213
11958	LEC	11:45 am - 1:10 pm	TTh	Khonach, T L	F5-310
22776	LEC	1:25 pm - 2:50 pm	TTh	Khonach, T L	F5-310
John Frem 7676 San	es, CA 90003	2:26 pm - 3:23 pm 1:05 hrs/wk tion]	MW TBA	STAFF, L STAFF, L	OFF CAMP TONLINENO

Enrollment and participation only for John Fremont High School students as a part of a CCAP-AB288 agreement.

This class section will meet in-person at John Fremont High School with additional activities and coursework to be completed online.

LA Trade-Technical College

For more information, please contact the k12 Partnership Program at (213) 763-3966.

11986	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	F5-213
11970 No real-time	LEC meetings are requi	3:10 hrs/wk red. All activities are online.	ТВА	Howard, R	TONLINENO
11992	LEC	3:10 hrs/wk	ТВА	Howard, R	TONLINENO

No real-time meetings are required. All activities are online.

#### SOC 002- American Social Problems (UC/CSU) - 3 Units

	ment Designati		4J CSU D0		
America	an Social Proble	ems			
Class	Component	Start/End Time	Days	Instructor	Room
No	-		-		
12534	LEC	8:35 am - 10:00 am	MW	STAFF, L	F5-313

#### SOC 011- Race And Ethnic Relations (UC/CSU) - 3 Units

Requirer	ment Designati	on: Meets IGETC	4 CSU D		
Race An	d Ethnic Relati	ons			
Class	Component	Start/End Time	Days	Instructor	Room
No					
22203	LEC	10:10 am - 11:35 am	MW	STAFF, L	F5-412

#### SOC 028- The Family: A Sociological Approach (UC/CSU) - 3 Units

Require	ment Designati	on: Meets IGETC	4Ĵ ĈSU D0 E		
Enrollm	nent Requirer	nent: Advisory: EN	GLISH 100		
The Farr	nily: A Sociolog	ical Approach			
Class No	Component	Start/End Time	Days	Instructor	Room
12675	LEC	3:10 hrs/wk	ТВА	Khonach, T L	TONLINENO

No real-time meetings are required. All activities are online.

#### SOC 031- Sociology Of Gender (UC/CSU) - 3 Units

Requirem	ent Designatio	on: Meets IGETC	C 4 CSU D			
Sociology	Of Gender					
Class	Component	Start/End Time	Days	Instructor	Room	
No						

# LA Trade-Technical College

22138 LEC 3:10 hrs/wk TBA

Khonach, T L

TONLINENO

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room
14971	LEC	6:00 pm - 9:10 pm	Μ	Oillataguerre, M M	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12809	LEC	8:35 am - 9:45 am	MTWTh	Quinones, H C	F5-306
Real-time r	meetings are require	ed as scheduled. All activities are	e online.		
20646	LEC	10:10 am - 11:20 am	MTWTh	Quinones, H C	F5-306
12814	LEC	11:45 am - 12:55 pm	MTWTh	Quinones, H C	F5-306
17013	LEC	6:45 pm - 9:15 pm	MW	STAFF, L	F5-306

#### Supervised Learning Assistance TUTOR 001T- Supervised Tutoring (Repeatable) - 0 Unit

Supervis	sed Tutoring		U (	•		
Class No	Component	Start/End Time		Days	Instructor	Room
16551	LAB	22:15 hrs/wk		ТВА	Cole, V L	TONLINENO

No real-time meetings are required. All activities are online.

# LA Trade-Technical College

16552 LAB 22:15 hrs/wk TBA

Cole, V L

TONLINENO

No real-time meetings are required. All activities are online.

# 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, guality-guantity control, management-employee relations, and related topics.

Class No	Component	Start/End Time	Days	Instructor	Room	
12993	LEC	6:30 hrs/wk	TBA	Wilson-Aus, A M	TONLINENO	

No real-time meetings are required. All activities are online. (Starts 08/26/2024, Ends 10/20/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
16149	LEC	6:30 hrs/wk	ТВА	Mcintosh, A U	TONLINENO

No real-time meetings are required. All activities are online. (Starts 10/21/2024, Ends 12/15/2024)

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
19450	LEC	6:00 pm - 9:10 pm	W	Tabor, D	F5-206
12997	LEC	6:30 hrs/wk	ТВА	Wilson-Aus, A M	TONLINENO

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 10/21/2024, Ends 12/15/2024)

### 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.

	<u> </u>				5	
Class	Component	Start/End Time	Days	Instructor	Room	
No						

# LA Trade-Technical College

12719 LEC 9:00 am - 12:10 pm Sa

Ginzburg, D

B1-210

Real-time meetings are required as scheduled. All activities are online.

#### WATER 004- Water Purification I (Potable Water) (CSU) - 3 Units

This beginning course in water treatment covers regulations related to water treatmen and water quality control, basics of water treatment plant processes and inter-relationship of processes, and introduction to operation and maintenance of water tratment 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). Class Component Start/End Time Days Instructor Room

14045	LEC	1:00 pm - 4:10 pm	Sa	Ginzburg, D	B1-210
			•••	• · · · = ~ • · · g, =	

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10172	LEC	6:00 pm - 9:10 pm	Μ	Barreto, G G	E2-302

Real-time meetings are required as scheduled. All activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10480	LEC	6:00 pm - 9:10 pm	W	Kallo, J S	TONLINELIV

Real-time meetings are required as scheduled. All activities are online.

# Tailoring

#### TAILRNG 250- Tailoring Techniques I - 2 Units

Training is offered in basic tailoring techniques. Students are instructed in welt pockets, hand tailored stitching, and finishing techniques. To fulfill the SLOs, students construct two men's vests: 1) basic tailored vest, and 2) stylized tailored vest.

Class No	Component	Start/End Time	Days	Instructor	Room
13013	LAB	6:00 pm - 9:10 pm	MW	Conte, R S	D4-230

### 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,

# LA Trade-Technical College

welt pockets, and half linings, and jacket tailoring techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
13014	LAB	6:00 pm - 9:10 pm	MW	Dominguez, M	D4-230

#### TAILRNG 252- Tailoring Techniques III - 2 Units

Enrollment Requirement: Prerequisite: TAILRNG 251

Students receive training in men's tailored overcoats and men's classic style shirts. Instruction includes lining installation, collar, cuff and placket construction techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
13015	LAB	6:00 pm - 9:10 pm	MW	Dominguez, M	D4-230

#### TAILRNG 253- Tailoring Techniques Iv - 2 Units

#### Enrollment Requirement: Prerequisite: TAILRNG 252

Students will receive instruction on man's style tailored jacket including inner construction using traditional tailoring techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
17561	LAB	6:00 pm - 9:10 pm	MW	Conte, R S	D4-230

#### 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 men's basic trousers, men's sport shirts, and men's basic vest. Each pattern will be tested for fit.

Class No	Component	Start/End Time	Days	Instructor	Room
14288	LAB	8:35 am - 3:05 pm	Sa	Dominguez, M	D4-331

No real-time meetings are required. All activities are online.

# TAILRNG 256- Men's Pattern Drafting II - 2 Units

**Enrollment Requirement:** Prerequisite of TAILRNG 255 with a grade of C or better. This course in men's pattern making will introduce students to advanced styling including jackets, and trousers. Students will make complete patterns for each element of a three piece suit

Class No	Component	Start/End Time	Days	Instructor	Room
14289	LAB	8:35 am - 3:05 pm	Sa	Dominguez, M	D4-331

### Theater THEATER 100- Introduction to the Theater (UC/CSU) - 3 Units

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#### 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. Class Component Start/End Time Days Instructor Room

NO					
10534	LEC	11:45 am - 1:10 pm	Т	STAFF, L	F5-201
And	LEC	1:25 hrs/wk	TBA	STAFF, L	TONLINENO

Some in person meetings are required as scheduled. The remaining activities are online.

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11323	LAB	8:00 am - 1:20 pm	TW	Lepe, S A	D4-330	
(Starts 08/2	26/2024, Ends 10/20/20	)24)				

#### VISCOM 103- Basic Computer Systems (UC/CSU) - 2 Units

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.

01035	component		Days	manucion	KUUIII	
No						
11332	LAB	8:00 am - 1:20 pm	ThF	Silva, R	D4-302	
(Starts 08/	26/2024, Ends 10/20/20	)24)				

#### VISCOM 105- Digital Prepress I (UC/CSU) - 2 Units

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, digital prepress (in black and white and full color reproduction) as an emphasized focus within the course. Class Component Start/End Time Days Instructor Room

No	-		-			
11339	LAB	8:00 am - 1:20 pm	TW	STAFF, L	D4-302	
(Starts 10/2	21/2024, Enc	is 12/15/2024)				

#### VISCOM 106- Drawing I (UC/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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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11346	LAB	8:00 am - 2:35 pm	ThF	Peregrino, G H	D4-303
(Starts 10/2	1/2024, Ends 12/15/20	24)			

#### VISCOM 112- Digital Prepress II (UC/CSU) - 2 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11349	LAB	8:00 am - 1:20 pm	ThF	Lepe, S A	D4-330	
(Starts 08/2	26/2024, Ends 10/20/20	)24)		·		

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
19594 (Starts 08/26	LAB /2024, Ends 10/20/20	8:00 am - 1:20 pm	TW	STAFF, L	D4-303

#### VISCOM 115- Graphic Design II (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room	
14290 (Starts 10/21	LAB 1/2024, Ends 12/15/20	8:00 am - 1:45 pm <sup>24)</sup>	TW	Lepe, S A	D4-330	

#### VISCOM 116- Advertising Concepts (CSU) - 2 Units

Introduction to the development of advertising concepts for magazines, television, and the internet. Use research, brainstorming and standard advertising methodology to plan, design and produce an advertising campaign.

Class No	Component	Start/End Time	Days	Instructor	Room			
14486	LAB	8:00 am - 2:35 pm	ThF	Lepe, S A	D4-330			
(Starts 10/2	(Starts 10/21/2024, Ends 12/15/2024)							

#### VISCOM 118- Digital Drawing - 2 Units

Basic training in computer illustration using the Adobe software application Illustrator. Toolbox familiarity and<br/>manipulation, menu items, and general skill application will constitute the criteria for the course.ClassComponentStart/End TimeDaysInstructorRoomNo

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11370	LAB	8:00 am - 1:20 pm	Μ	Silva, R	D4-302
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#### VISCOM 120- Drawing II (UC/CSU) - 2 Units

An advanced drawing course in which indoor and outdoor observational drawing concepts are linked with magazine and book publishing for the creation of cover art and feature article page layouts.

Class No	Component	Start/End Time	Days	Instructor	Room
11379 (Starts 08/2	LAB 6/2024, Ends 10/20/20	8:00 am - 1:20 pm <sup>)24)</sup>	TW	Silva, R	D4-302

#### VISCOM 124- Computer Illustration I (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11380	LAB	8:00 am - 1:20 pm	ThF	Peregrino, G H	D4-303	
(Starts 08/	26/2024, Ends 10/20/20	024)				

#### VISCOM 126- Portfolio Development I (CSU) - 2 Units

This is a course in the production of a finished portfolio; all course projects will be reviewed for portfolio consideration. Some projects will require reworking. Preparation of 10 completed works with preliminary developmental books culminates in a simulated job interview with Advisory Board members.

Class No	Component	Start/End Time	Days	Instructor	Room	
11386	LAB	8:00 am - 1:20 pm	TW	STAFF, L	D4-303	
(Starts 10/2	21/2024, Ends 12/15/20	)24)				

#### VISCOM 127- Digital Prepress III (UC/CSU) - 2 Units

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.

Class No	Component	Start/End Time	Days	Instructor	Room	
11389 (Starts 10/21	LAB 1/2024, Ends 12/15/20	8:00 am - 2:35 pm <sup>24)</sup>	ThF	STAFF, L	D4-303	

#### 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.

Class	•	Start/End Time	Days	Instructor	Room	
No						

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11392	LAB	8:00 am - 1:20 pm	Μ	STAFF, L	D4-303
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#### VISCOM 129- Digital Photo Manipulation (UC/CSU) - 2 Units

An introductory course that concentrates on the software application Adobe Photoshop. Students will be<br/>instructed on how to use this application to create original art and graphics by manipulating scanned<br/>photography and other imagery.ClassComponentStart/End TimeDaysInstructorRoom

No					
11396	LAB	8:00 am - 1:20 pm	Μ	Lepe, S A	D4-330

#### VISCOM 130- Drawing III (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room
11401 (Starts 08/26	LAB /2024, Ends 10/20/202	8:00 am - 1:20 pm <sub>24)</sub>	TW	Silva, R	D4-302

#### VISCOM 131- Computer Illustration II (UC/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.

Class No	Component	Start/End Time	Days	Instructor	Room
11406	LAB	8:00 am - 1:20 pm	ThF	Peregrino, G H	D4-303
(Starts 08/26	6/2024, Ends 10/20/20	24)			

#### 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. Component Start/End Time Class Davs Instructor Room No STAFF, L D4-303 11408 LAB 8:00 am - 1:20 pm ΤW (Starts 10/21/2024, Ends 12/15/2024)

#### VISCOM 133- Digital Portfolio Preparation (UC/CSU) - 2 Units

Plan and produce a digital portfolio of course projects to up-load to the Internet. Write a resume based on graphic design and advertising standards.

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Class	Commonset	Ctout/Engl Times	Dava	Instructor	Deem	
Class	Component	Start/End Time	Days	Instructor	Room	
	•					
No						

# LA Trade-Technical College

11411	LAB	8:00 am - 2:35 pm	ThF	STAFF, L	D4-303
(Starts 10/2	21/2024, End	s 12/15/2024)			

#### VISCOM 135- Web Graphics - Preproduction For Websites (CSU) - 2 Units

This course will review Adobe Illustrator and Adobe Photoshop procedures, and introduce Adobe Fireworks beginning with the exploration of tools and panels. The semester long project will encompass the designing of a personal website for the artist/student. Emphasis will be placed on page design, site unity, and the use of graphics and images. Students will generate Animated GIFs and engage Fireworks drag and drop environment.

Class No	Component	Start/End Time	Days	Instructor	Room
25315	LAB	8:00 am - 1:20 pm	Μ	Guebely, G	D4-200

#### VISCOM 941- Cooperative Education - Visual Communications (CSU) (RPT 3) - 4 Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education. 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. The place of employment needs to be related to the student's educational goals. Work experience may be repeated for a maximum of 6 total units, subject to a maximum of 3 units per one enrollment period. Each 60 hours of non-paid work equals one unit of credit. Each 75 hours of paid work equals one unit of credit. \*Title 5, section 55253 states that a student may earn up to a maximum of 16 semester units or 24 guarter units of General & Occupational work experience education combined (Board Rule 6405.10). 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. Component Start/End Time Davs Instructor Room Class

INO					
16439	LEC	4:15 hrs/wk	TBA	Javadvan, A	TONLINENO

No real-time meetings are required. All activities are online.

#### Vocational Education VOC ED 191CE- Starting Your Own Small Business (Repeatable) - 0 Unit

Starting	Your Own Sma	all Business			
Class	Component	Start/End Time	Days	Instructor	Room
No			-		
16547	LEC	8:00 am - 12:50 pm	Sa	Mcintosh, A U	TONLINELIV

Real-time meetings are required as scheduled. All activities are online. (Starts 10/26/2024, Ends 12/15/2024)

#### VOC ED 253CE- Food Handler's Card Test Preparation (Repeatable) - 0 Unit

This course prepares students to take a food handler's examination to become a certified Food Handler in the state of California. Content includes proper food handling practices including: personal hygiene, time and temperature, cross-contamination and allergens, and cleaning and sanitization. This course is part of a short-term vocational certificate for students entering the food service industry.

# LA Trade-Technical College

Garnica Diaz, E

#### No

19583 LEC

#### 6:00 pm - 7:05 pm

E3-205

Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted in-person.

For more information, contact us at 213-763-3762. (Starts 09/09/2024, Ends 12/15/2024)

#### VOC ED 311CE- Workplace Safety: First Aid/CPR Basics (Repeatable) - 0 Unit

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This course combines lecture, demonstrations, video and hands-on practice to provide students with the knowledge and skills necessary to obtain their OSHA 10 hour safety certification and to recognize and provide basic care for injuries and sudden illnesses at their workplace until advanced medical personnel arrive and take over. The course materials and hours are consistent with and meet American Heart Association, American Red Cross and National Safety Council certification requirements

Class No	Component	Start/End Time	Days	Instructor	Room
24280 (Starts 11/29 AND	LEC 0/2024, Ends 12/02/202	7:00 am - 11:15 am <sup>24)</sup>	FSu	Aono, C E	B1-208
24281 (Starts 11/29	LAB 0/2024, Ends 12/02/202	11:20 am - 3:35 pm <sup>24)</sup>	FSu	Aono, C E	B1-216

#### VOC ED 325CE- Introduction to Automotive Maintenance and Service (Repeatable) - 0 Unit

This is a preparation course combining lecture and hands-on shop work for most major automotive systems. Introduction to theory, maintenance, troubleshooting, repair, automotive and maintenance terminology.

Class No	Component	Start/End Time	Days	Instructor	Room
16593 Instruction <b>AND</b>	LEC in Spanish.	6:00 pm - 9:10 pm	т	Taba, R A	B1-130
16594	LAB in Spanish.	6:00 pm - 9:20 pm	Th	Taba, R A	B1-130

#### VOC ED 504CE- Sewing Machine Basics (Repeatable) - 0 Unit

Students learn the basics of safely operating an industrial single needle sewing machines including adjusting all machine settings, selecting correct needles and thread, and practicing with commonly used feet and attachments. Factors to consider when purchasing and maintaining a machine are discussed

Class		Start/End Time	Days	Instructor	Room
15287 Facilitated ir	LAB Spanish.	6:00 pm - 8:30 pm	TTh	Thornton, D M	D4-130

#### VOC ED 540CE- Culinary: Elements of Cooking Techniques (Repeatable) - 0 Unit

Culinary	: Elements of C	Cooking Techniques				
Class	Component	Start/End Time	Days	Instructor	Room	
No	•		•			
22497	LAB	5:30 pm - 7:40 pm	MW	Brown, S P	E3-210	
(Starts 08/26/2024, Ends 10/17/2024)						

# LA Trade-Technical College

19582	LAB	6:00 pm - 8:35 pm	TTh	Martinez-Reyes, F	E3-110
Avanza Los	s Angeles (ALAS)				

Enrollment and participation open to all students. This class will be conducted in-person. Instruction in Spanish.

For more information, contact us at 213-763-3762. (Starts 08/26/2024, Ends 10/20/2024)

### VOC ED 541CE- Culinary: Baking Skills (Repeatable) - 0 Unit

Class	Component	Start/End Time	Days	Instructor	Room
22451 (Starts 10/21	LAB /2024, Ends 12/15/202	5:30 pm - 7:35 pm <sup>24)</sup>	MW	Valerio, R V	E3-109
19584 Avanza Los	LAB s Angeles (ALAS)	6:00 pm - 8:20 pm	TTh	Martinez-Reyes, F	E3-109

Enrollment and participation open to all students. This class will be taught in-person and in Spanish.

For more information, contact us at 213-763-3762. (Starts 10/21/2024, Ends 12/15/2024)

#### VOC ED 608CE- Transportation Career Preparation (Repeatable) - 0 Unit

This course covers the fundamentals of the transportation/transit industry, hardest-to-fill occupations, and common employability and industry-wide competencies at the foundational level. It includes basic information on these topics, as well as guided, hands-on exercises to reinforce learning outcomes and assess competency levels. The course also includes a simulation-based module for individuals to learn and demonstrate competencies gained in real-work context(s).

Class No	Component	Start/End Time	Days	Instructor	Room	
	LEC ransportation Workf 7/2024, Ends 11/15/20		ТВА		B1-211	
<b>AND</b> 20137	LAB	17:50 hrs/wk	ТВА	Bolding, K E	B1-211	
WIN-LA: T	ransportation Workf 7/2024, Ends 11/15/20	orce Readiness	IDA	bolding, K L	01-211	

#### VOC ED 609CE- Customer Service and Success on the Job (Repeatable) - 0 Unit

This course covers common employability and industry-wide competencies at the foundational level. It includes basic information on integrating into a new job, striving towards excellence in meeting department and company goals, and providing excellent service to internal and external customers. The course includes role plays and hands-on exercises to reinforce learning outcomes and assess competency levels.

Class No	Component	Start/End Time	Days	Instructor	Room
24015 LA Metro W (Starts 11/07 <b>AND</b>	LEC /IN-LA /2024, Ends 11/15/20:	23:50 hrs/wk <sup>24)</sup>	ТВА		B1-211
24016 LA Metro W (Starts 11/07	LAB /IN-LA /2024, Ends 11/15/202	23:50 hrs/wk <sup>24)</sup>	ТВА	Bolding, K E	B1-211

### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12716	LEC	6:00 pm - 9:10 pm	Т	Hewitt, B A	B1-215	
In-person	on campus.					

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
13817	LEC	6:00 pm - 9:10 pm	W	Nieto, A	B1-215	
In-person	on campus.					

#### 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).

Class No	Component	Start/End Time	Days	Instructor	Room	
12718	LEC	6:00 pm - 9:10 pm	Th	Azarbayjani, M	B1-215	
In-person	on campus.					

### Welding Gas And Electric WELDG/E 100- Metal Sculpture I (RPT 1) - 3 Units

Expand beginning welding skills and metal working techniques into an exploration of metal sculpture. This course covers hot and cold working of steel. Shielded metal arc welding, oxy-fuel and plasma arc cutting, weld design and finishing techniques. Technical skills will be emphasized through hands on instruction and practice. There will be opportunity for creative expression and practical application.

Class No	Component	Start/End Time	Days	Instructor	Room	
17091	LAB	7:00 am - 1:30 pm	Sa	Newell, R L	B1-156	
In-person	on campus.					

### WELDG/E 102- Pipe Welding Horizontal(2G) and Uphill(5G) (NDA) - 3 Units

This course provide instruction on welding carbon steel pipe to requirements of the American Society of Manufacturing Engineers Boiler and Pressure Vessel Code- Section 9 Welding and Brazing Qualification using the shielded metal arc welding process. The course objective requires proficiency in producing high quality welds on 6 inch diameter schedule 80 pipe in the 2G and 5G welding positions.

Class	Component	Start/End Time	Days	Instructor	Room
No					

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17093	LAB	5:00 pm - 8:10 pm	MT	Galvez, R	B1-156
In-person	on campus.				

#### WELDG/E 111- Acetylene Welding, Cutting And Brazing (CSU) - 5 Units

Basic applications in oxy-acetylene welding, brazing and cutting in flat and vertical positions. Students will perform SMAW on light gauge steel in all positions. Safety procedures and metal welding characteristics.

Clas No	s Component	Start/End Time	Days	Instructor	Room	
25958	3 LAB	7:00 am - 10:10 am	MTWThF	Foral, J J	B1-156	
12720 And In-pers	) LAB LAB son on campus.	5:00 pm - 8:10 pm 7:05 pm - 10:15 pm	F MTWTh	Thompson, D Thompson, D	B1-156 B1-156	

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
25959	LEC	11:00 am - 2:10 pm	Th	Foral, J J	B1-150
12721 In-person c	LEC on campus.	5:00 pm - 6:25 pm	МТ	Thompson, D	B1-150

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
25960	LEC	11:00 am - 2:10 pm	W	Thompson, D	B1-150
12723 In-person c	LEC on campus.	5:00 pm - 6:25 pm	WTh	Thompson, D	B1-150

#### 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.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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12726	LAB	7:00 am - 10:10 am	MTWThF	Legohn, L M	B1-156
In-person o	on campus.				

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
12731 In-person o	LEC on campus.	11:00 am - 2:10 pm	Μ	Legohn, L M	B1-150

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room	
12732 In-person	LEC on campus.	11:00 am - 2:10 pm	F	Foral, J J	B1-150	

#### WELDG/E 131- Electric Welding II (CSU) - 5 Units

This course will offer students an opportunity to prepare for certification testing in SMAW. There will be opportunities for improvement through supervised practice and individual coaching in SMAW technique.

Class No	Component	Start/End Time	Days	Instructor	Room
12736 In-person c	LAB on campus.	7:00 am - 10:10 am	MTWThF	Foral, J J	B1-156
25962 You must h	LAB nave completed 1st	11:00 am - 2:50 pm and 2nd Semester Welding to b	MTWTh e successful in this cla	Chancy, C A ass.	B1-156

#### 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.

Class No	Component	Start/End Time	Days	Instructor	Room
25963 You must I	LEC have completed 1st	9:30 am - 10:55 am and 2nd Semester Welding to b	MW e successful in this cla	Chancy, C A ass.	B1-151
12740 In-person o	LEC on campus.	11:00 am - 2:10 pm	т	Foral, J J	B1-150

#### WELDG/E 133- Welding Related Technical Instruction III - 3 Units

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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.

Class No	Component	Start/End Time	Days	Instructor	Room
25961 You must h	LEC ave completed 1st a	9:30 am - 10:55 am and 2nd Semester Welding to b	TTh e successful in this cla	Chancy, C A ass.	B1-151
12743 In-person o	LEC n campus.	11:00 am - 2:10 pm	F	Legohn, L M	B1-150

### WELDG/E 141- Electric Welding III (CSU) - 5 Units

Students complete activities in sheet metal welding, cast iron welding, inert gas welding (MIG and TIG) and semi-automatic gas shielded welding.

Class No	Component	Start/End Time	Days	Instructor	Room	
12745	LAB	7:00 am - 10:10 am	MTWThF	Legohn, L M	B1-156	
In-person	on campus.					

# WELDG/E 142- Gas Tungsten Arc Welding (TIG) & Gas Metal Arc Welding (MIG) (CSU) - 3 Units

The course covers principles in welding aluminum, stainless steel, carbon steel and the maintenance and operation of welding equipment.

No			
12750 LEC In-person on cam	:10 pm Th	Legohn, L M	B1-150

#### WELDG/E 143- Welding Related Technical Instruction IV - 3 Units

The course covers the principles and theory of operating semi-automatic gas shielded welding equipment and the metallurgy of metals.

Class No	Component	Start/End Time	Days	Instructor	Room	
12753 In-person (	LEC on campus.	11:00 am - 2:10 pm	W	Legohn, L M	B1-150	

### WELDG/E 210- Metal Sculpting Laboratory (CSU) - 2 Units

Enrollment Requirement: Prerequisite: WELDG/E 100

Expand beginning welding skills and metal working techniques into an exploration of metal sculpture.

Class No	Component	Start/End Time	Days	Instructor	Room
17092 In-person c	LAB on campus	7:00 am - 1:30 pm	Sa	Newell, R L	B1-156

### WELDG/E 941- Cooperative Education - Welding Gas And Electric (CSU) (RPT 3) - 4

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#### Units

**Enrollment Requirement:** Maximum of 16 lifetime units in cooperative education. 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	
15003	LEC	4:15 hrs/wk	TBA	Blumenfeld, S	E2-105	
In-person	on campus (1 to 2 m	neeting).				