

2021 Winter SCHEDULE

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

11718	LEC	8:00 am - 12:25 pm	MTWTh	Ho, F K	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

10004	LEC	9:40 am - 12:40 pm	MTWThF	Velez, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Anthropology

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

Requirement Designation: Meets IGETC 5B CSU B2

Enrollment Requirement: Advisory: ENGLISH 028

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.

10555	LEC	10:30 hrs/wk	TBA	Huld, P J	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10558	LEC	10:30 hrs/wk	TBA	Carter, M J	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Architecture

ARC 160- Computers For Designers (CSU) - 3 Units

This introductory course will a focus on developing graphic and visual communications skills using digital tools.

11397	LEC	4:00 pm - 6:50 pm	TWTh	Lewis, J L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

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11398	LAB	7:00 pm - 9:50 pm	TWTh	Lewis, J L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10304	LEC	3:10 pm - 5:40 pm	MTWTh	Moreno, M A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11509	LEC	10:30 hrs/wk	TBA	Khan, M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

10342	LAB	6:30 pm - 9:00 pm	MTWTh	Moreno, M A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Automotive Collision Repair

AUTOCOR 148- Paint Preparation And Application (RPT 3) - 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.

12424	LEC	1:30 pm - 2:20 pm	MTWTh	Jakahi, J K	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

12425	LAB	2:30 pm - 7:55 pm	MTWTh	Jakahi, J K	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AUTOCOR 248- Auto Custom Painting - 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.

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10847	LEC	7:00 am - 7:50 am	MTWTh	Ferre, B E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10848	LAB	8:00 am - 1:25 pm	MTWTh	Ferre, B E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AUTOCOR 921- Cooperative Education - Automotive Collision Repair - 2 Units

Cooperative Education - Automotive Collision Repair

11390	LEC	6:50 hrs/wk	TBA	Guerra, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Automotive Mechanics Tech

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

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

10940	LEC	7:00 am - 7:50 am	MTWTh	Taba, R A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10941	LAB	8:00 am - 1:25 pm	MTWTh	Taba, R A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11393	LEC	7:00 am - 7:50 am	MTWTh	Ramirez, J L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11394	LAB	8:00 am - 1:25 pm	MTWTh	Ramirez, J L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

12411	LEC	7:00 am - 7:50 am	MTWTh	Rios, M	ON LINE
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AND

12412	LAB	8:00 am - 1:25 pm	MTWTh	Rios, M	ON LINE
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AUTORTK 921- Cooperative Education - Automotive And Related Technology - 2 Units

Cooperative Education is a work experience program involving the employer, the student-employee and the college to ensure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Each 60 hours of non-paid work equals one unit of credit. Each 75 hours of paid work equals one unit of credit. This course requires a student to be currently enrolled in an Automotive Technology course or successfully completed an Automotive Technology course in a prior semester. Student must be employed or volunteering/interning in order to participate in program. *Title 5, section 55253 states that a student may earn up to a maximum of 16 semester units or 24 quarter units of General & Occupational work experience education combined (Board Rule 6405.10).

11392	LEC	6:50 hrs/wk	TBA	Guerra, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Basic Skills

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

Developing English Composition Skills

11052	LEC	8:00 am - 10:35 am	MTWTh	Acklin, R	ON LINE
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GED Prep Part One (TABE E and M) - English

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted remotely and online.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11053	LEC	8:00 am - 10:35 am	MTWTh	Artiles, J	ON LINE
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GED Prep Part One (TABE D and A) - English

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted remotely and online.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

College And Scholastic Assessment Preparation

11059	LEC	4:30 pm - 8:00 pm	MW	Artiles, J	ON LINE
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Academic Connections - TEAS Reading Portion

This class is for students who are preparing for the TEAS (Test of Essential Academic Skills) Exam.

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. □ For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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11862	LEC	4:30 pm - 8:00 pm	T	Calderon, J	ON LINE
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Academic Connections - TEAS Math Portion

This class is for students who are preparing for the TEAS (Test of Essential Academic Skills) Exam.

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. □ For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12181	LEC	4:30 pm - 8:00 pm	Th	Robles, M	ON LINE
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Academic Connections - TEAS Science Portion

This class is for students who are preparing for the TEAS (Test of Essential Academic Skills) Exam.

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. □ For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

Basic Math Skills

11060	LEC	11:45 am - 12:50 pm	MTW	Cuellar, M	ON LINE
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GED Prep Part One (TABE E and M) - Math

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

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11061	LAB	11:45 am - 2:20 pm	Th	Cuellar, M	ON LINE
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And	LAB	1:00 pm - 2:20 pm	MTW	Cuellar, M	ON LINE
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GED Prep Part One (TABE E and M) - Math

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

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11062	LEC	11:45 am - 12:50 pm	MTW	Calderon, J	ON LINE
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GED Prep Part One (TABE D and A) - Math

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

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

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Class No	Component	Start/End Time	Days	Instructor	Room
11063	LAB	11:45 am - 2:20 pm	Th	Calderon, J	ON LINE
And	LAB	1:00 pm - 2:20 pm	MTW	Calderon, J	ON LINE
GED Prep Part One (TABE D and A) - Math					

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

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

12183	LEC	11:30 am - 12:30 pm	MW	Martinez, H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

12184	LAB	11:30 am - 1:30 pm	TTh	Martinez, H	ON LINE
And	LAB	12:40 pm - 1:30 pm	MW	Martinez, H	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12833	LEC	8:45 pm - 9:35 pm	MTWTh	Velasquez, M	ON LINE
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ALAS Computer Literacy Intermediate/Advanced

AND

12834	LAB	9:45 pm - 10:35 pm	MTWTh	Velasquez, M	ON LINE
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ALAS Computer Literacy Intermediate/Advanced

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

12835	LEC	6:00 pm - 9:20 pm	TTh	Ramirez, O	ON LINE
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ALAS - Basic Lube Technician

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.

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10488	LEC	8:00 am - 10:30 am	MTWTh	Pantastico Caldas, M C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10490	LAB	10:40 am - 1:10 pm	MTWTh	Pantastico Caldas, M C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11582	LEC	10:30 hrs/wk	TBA	Aguilar, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

AND

11583	LAB	10:30 hrs/wk	TBA	Aguilar, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Bldg Construction Techniques

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

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

11396	LEC	6:00 pm - 9:20 pm	WTh	Wagenbach, A J	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

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

12305	LAB	4:00 pm - 9:05 pm	MTWThF	Oliva, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

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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.

10673	LEC	10:30 hrs/wk	TBA	Sonnier, G D	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

11451	LEC	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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11452	LAB	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

COUNSELING

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).

12281	LEC	6:50 hrs/wk	TBA	Salmons, I	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Carpentry

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

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

10064	LEC	7:00 am - 12:50 pm	MT	Olszewski, J R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CRPNTRY 130- Calculations And Measurement For Woodworking Students II - 3 Units

Students complete common woodworking and construction calculations with an emphasis on percentage, area and volume calculations, algebra, geometry and trigonometry as they apply to the carpentry and woodworking trades. Students calculate concrete volume, lumber requirements and material quantities, as

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well as perform length and size calculations.

12309	LEC	6:00 pm - 9:20 pm	TWTh	Alvarez, J L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10050	LEC	8:00 am - 11:30 am	MTWTh	Weber, K H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10053	LAB	11:45 am - 2:15 pm	MTWTh	Weber, K H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12283	LEC	1:00 pm - 4:30 pm	MTWTh	Villena-Visi, M Z	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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12284	LAB	4:45 pm - 7:15 pm	MTWTh	Villena-Visi, M Z	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CHEM 101- General Chemistry I (UC/CSU) - 5 Units

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

Enrollment Requirement: Prerequisite: MATH 125

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

10643	LEC	8:00 am - 10:30 am	MTWTh	Lee, H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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10646	LAB	10:45 am - 4:15 pm	MTWTh	Lee, H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing

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assignments.

12702	LEC	2:00 pm - 4:30 pm	MTWTh	Shukla Deo, C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

12703	LAB	4:45 pm - 10:10 pm	MTWTh	Shukla Deo, C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

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

Enrollment Requirement: Prerequisite: CHEM 101

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

10658	LEC	7:00 am - 9:30 am	MTWTh	Acosta, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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10660	LAB	9:35 am - 3:00 pm	MTWTh	Acosta, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

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

Enrollment Requirement: Prerequisite: CHEM 102

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

11475	LEC	2:00 pm - 4:30 pm	MTWTh	Diaz, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND Select One of the following:

11534	LAB	4:45 pm - 10:10 pm	MTWTh	Diaz, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12659	LAB	4:45 pm - 10:10 pm	MTWTh	Truong, D C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

12426	LEC	10:30 hrs/wk	TBA	Maina, R G	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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

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

Students learn and develop the knowledge and skills to provide appropriate curriculum and environments for young children from birth to age 6. Students examine a teacher's role in supporting development and fostering the joy of learning for all young children using observation and assessment strategies emphasizing the essential role of play. Planning, implementation and evaluation of curriculum includes but not be limited to:

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language and literacy, social and emotional learning, sensory learning, art and creativity, math, natural and physical sciences.

10263	LEC	7:00 am - 9:30 am	MTWTh	Patron, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

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

The principles and practices of inclusive and respectful caregiving for infants and toddlers within a variety of program designs will be studied and analyzed. Attention will be given to designing environments and curriculum that support current research into brain theory, language development, assessment, early intervention, and inclusion practices.

11074	LEC	10:30 am - 1:00 pm	MTWTh	Patron, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11453	LEC	10:30 am - 1:00 pm	MTWTh	Maina, R G	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10492	LEC	6:00 pm - 8:30 pm	MTWTh	Mock, J C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11400	LEC	10:30 hrs/wk	TBA	McDermott, D A	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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Class No	Component	Start/End Time	Days	Instructor	Room
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10489	LEC	10:30 hrs/wk	TBA	Glavan, J J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Community Plan/Economic Dev

COMPLAN 040- Non-Profit Program Design And Development (CSU) - 2 Units

This course guides students to design and develop non-profit programs that are highly integrated into a non-profit service organization's mission, vision and values. Topics include identifying conditions, research and problem analysis, program goal development, outcome creation, implementation strategies and evaluation of impact.

12362	LEC	10:00 am - 4:50 pm	Sa	Torres, E	ON LINE
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Due to the COVID pandemic, this class will be held entirely remotely, any synchronous ZOOM sessions will occur during listed days/times.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Computer Apps Office Tech

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

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

10007	LEC	6:50 hrs/wk	TBA	Bailey, P	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

AND

10009	LAB	10:30 hrs/wk	TBA	Bailey, P	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Computer Information Systems

CIS 104- Microcomputer Application Software (CSU) - 3 Units

Microcomputer Application Software

12447	LEC	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
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Adding this class for Winter 2021

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

AND

12448	LAB	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Computer Science

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

Programming in C++

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12449 LEC 6:50 hrs/wk TBA Pakbaz, M ON LINE
Co Info 739 no longer exists. New class is CS 116

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

AND

12450 LAB 6:50 hrs/wk TBA Pakbaz, M ON LINE
Co Info 738 no longer exists New course name CS 116

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

Cosmetology

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

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

10861 LEC 10:00 am - 12:45 pm MTWTh Ley, L G ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 210- Introduction To Hair Coloring - 3 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112 or BAR 114

Students are offered an introduction to basic hair coloring categories, applications and bleaching techniques. In addition, the course will concentrate on hair cutting, hair styling, and permanent waving procedures.

10093 LEC 7:00 am - 8:15 am MTWTh Botma, S M ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10099 LAB 8:30 am - 12:35 pm MTWTh Botma, S M ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10078 LEC 4:00 pm - 5:15 pm MTWTh Young, C P ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10083 LAB 5:30 pm - 9:35 pm MTWTh Young, C P ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 211- Intermediate Hair Coloring And Styling - 3 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112 or BAR 114

Students are offered an introduction to intermediate hair coloring, bleaching and toning applications and techniques. In addition, the course will concentrate on hair cutting, hair styling, and skin care procedures.

10115 LEC 7:00 am - 8:15 am MTWTh Botma, S M ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

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10118	LAB	8:30 am - 12:35 pm	MTWTh	Botma, S M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10104	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10109	LAB	5:30 pm - 9:35 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 214- Advanced Hair Coloring And Styling - 3 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112 or BAR 114

Students are offered instruction in permanent hair coloring applications, color correction techniques, zonal and block highlighting effects. In addition, the course will concentrate on hair cutting, thermal hair styling, long hair designing and nail technology.

10131	LEC	7:00 am - 8:15 am	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10137	LAB	8:30 am - 12:35 pm	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10122	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10128	LAB	5:30 pm - 9:35 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 215- Contemporary Styling Techniques - 3 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112 or BAR 114

Students receive instruction in advanced hair designing, hair coloring, hair sculpting, and chemical texture services.

10163	LEC	7:00 am - 8:15 am	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10171	LAB	8:30 am - 12:35 pm	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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Class No	Component	Start/End Time	Days	Instructor	Room
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10147	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10151	LAB	5:30 pm - 9:35 pm	MTWTh	Young, C P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 217- Multi-Texture Design (Level 1-2) - 3 Units

This class teaches the basic techniques of the five most popular methods for applying hair additions: strand by strand, braiding, bonding, track and sew and netting.

10855	LEC	7:00 am - 9:05 am	MTWTh	Shackelford, S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10856	LAB	9:15 am - 12:20 pm	MTWTh	Shackelford, S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

CSMTLGY 223- Hair Sculpting Techniques For Women - 3 Units

Basic to advanced hair cutting techniques that include shape, texture, and structure. Students will learn how to sculpt hair, understand design concepts, analyze form and use a variety of tools and cutting techniques.

12176	LEC	7:00 am - 8:30 am	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

12177	LAB	8:40 am - 12:20 pm	MTWTh	Le, J M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Diesel And Related Technology

DIESLTK 921- Cooperative Education - Diesel And Related Technology - 2 Units

Cooperative Education is a work experience program involving the employer, the student-employee and the college to ensure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Each 60 hours of non-paid work equals one unit of credit. Each 75 hours of paid work equals one unit of credit. This course requires a student to be currently enrolled in a Diesel Technology course or successfully completed a Diesel Technology course in a prior semester. Student must be employed or volunteering/interning in order to participate in program. *Title 5, section 55253 states that a student may earn up to a maximum of 16 semester units or 24 quarter units of General & Occupational work experience education combined (Board Rule 6405.10).

11391	LEC	6:50 hrs/wk	TBA	Guerra, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Digital Media

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

11377	LEC	6:50 hrs/wk	TBA	Vulovich, N	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

AND

11378	LAB	9:45 am - 11:20 am	MTWTh	Vulovich, N	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

DIGLMD 153- 2d Digital Animation (UC/CSU) - 3 Units

Students will develop an understanding of the core principles of digital 2D animation. Course covers the essentials of animation using Flash: drawing, key framing, betweening, and exporting animation.

12213	LEC	8:00 am - 9:30 am	MTWTh	Guebely, G	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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12214	LAB	9:40 am - 11:10 am	MTWTh	Guebely, G	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Economics

ECON 002- Principles of Economics II (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4B CSU D2

Enrollment Requirement: Advisory: MATH 125

A course in macroeconomics emphasizing aggregative economic analysis, including money and banking, national income determination, business fluctuations, and other topics relevant to macroeconomic analysis.

12452	LEC	1:00 pm - 3:30 pm	MTWTh	Ahmad, J	ON LINE
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Econ 002 better for higher enrollments.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

10303	LEC	6:00 pm - 9:20 pm	TW	ladevaia, R E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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Class No	Component	Start/End Time	Days	Instructor	Room
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11737	LEC	6:00 pm - 9:20 pm	WTh	Elarton-Selig, W D	ON LINE
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Apprentice ship overlay section for accounting purposes only. Combined with Section #10393

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.
1 of 40 Apprenticeship Program

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.

10324	LEC	7:00 am - 10:35 am	MTW	Jackson, R E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10313	LEC	6:00 pm - 9:35 pm	MTW	Goluza, B	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10933	LAB	7:00 am - 11:15 am	MTWThF	Robinson, D S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10328	LAB	5:30 pm - 9:45 pm	MTWThF	Lester, J B	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11395	LEC	7:00 am - 10:20 am	MTW	Goluza, B	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10023	LEC	1:00 pm - 4:20 pm	TWTh	Kallo, J S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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10021	LEC	6:00 pm - 9:35 pm	MWF	Aguilar, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11043	LEC	7:00 am - 10:35 am	MTW	Maroufkhani, F F	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11044	LEC	6:00 pm - 9:20 pm	TWTh	Maroufkhani, F F	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Electronics

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

Introduction To Electronics

11067	LEC	8:00 am - 11:55 am	MTW	Botterud, S J	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11071	LEC	9:00 am - 9:50 am	MTWTh	Navarro, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11072	LAB	10:15 am - 11:50 am	MTWTh	Navarro, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

English

ENGLISH 072A- English Bridge (NDA) - 0.5 Unit

English 72 is a complement to English 101. Students receive additional support to improve their analytical and composition skills necessary to meet English 101 standards. Emphasis is on the completion of written

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assignments and essays, library and research papers assigned in the concurrent English 101 course. Assistance is provided on pre-writing, drafting, and revising strategies, grammar and mechanics, critical thinking, and understanding reading-to-write strategies.

12455	LAB	9:00 am - 10:30 am	MW	Blake, G B	ON LINE
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LOW COST: Textbooks assigned to this class are less than \$50.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11819	LAB	1:10 pm - 2:40 pm	TTh	Stevens, A A	ON LINE
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This is a "free standing" lab for any student needed additional support with writing.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12476	LAB	6:00 pm - 7:30 pm	MW	Daniels, J C	ON LINE
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LOW COST: Textbooks assigned to this class are less than \$50.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

ENGLISH 100- Accelerated Prep: College Writing (NDA) - 3 Units

This class prepares students for academic reading, critical thinking, and writing expected in transfer and associate-degree classes. Students plan, draft, revise, and edit compositions based on college-level readings that cover topics that challenge students' thinking and provide an intellectual background for the assignments. This course prepares students for English 101.

10691	LEC	1:20 pm - 2:55 pm	MTWTh	Cruz, C A	ON LINE
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AND

11109	LAB	11:35 am - 1:10 pm	MTWTh	Cruz, C A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10745	LEC	10:30 hrs/wk	TBA	Sowter, S V	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

10747	LEC	10:30 hrs/wk	TBA	Cruz, C A	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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10749	LEC	10:30 hrs/wk	TBA	Shakir, R N	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

10753	LEC	10:30 hrs/wk	TBA	Blake, G B	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

10755	LEC	10:30 hrs/wk	TBA	Stevens, A A	ON LINE
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This class meets on line 10 hours 30 minutes each week. You will be required to submit assignments on a weekly basis. Anticipate that this will require more time on line. You should be proficient in functioning in the Canvas learning system. If you need help, contact Academic Connections for Canvas orientation sessions.

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

11183	LEC	10:30 hrs/wk	TBA	Sowter, S V	ON LINE
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Any questions regarding this class, please contact Instructor Sowter at SOWTERSV@LATTTC.EDU

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

11459	LEC	10:30 hrs/wk	TBA	Viliesid, C N	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

11460	LEC	10:30 hrs/wk	TBA	Viliesid, C N	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

ENGLISH 102- College Reading And Composition II (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 1B 3B CSU A3 C2

Enrollment Requirement: Prerequisite: English 101

English 102 develops reading, writing, and critical thinking skills beyond the level achieved in English 101 and requires the writing of a minimum of 10,000 words in essays and a research paper throughout the semester. It emphasizes logical reasoning, analysis, and strategies of argumentation using literature and literary criticism.

10803	LEC	10:30 hrs/wk	TBA	Moreno, L M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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

Requirement Designation: Meets IGETC 1B CSU A3

Enrollment Requirement: Prerequisite: English 101

This course helps students develop critical thinking, reading, and writing skills beyond the level achieved in English 101 with an emphasis on logical reasoning, analysis, argumentative writing skills, and research strategies with a minimum of 10,000 words of student writing submitted over the semester.

10815	LEC	10:30 hrs/wk	TBA	Shakir, R N	ON LINE
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LOW COST: Textbooks assigned to this class are less than \$50.

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

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10816 LEC 10:30 hrs/wk TBA Blake, G B ON LINE
This class meets on line 10 hours 30 minutes each week. You will be required to submit assignments on a weekly basis. Anticipate that this will require more time on line. You should be proficient in functioning in the Canvas learning system. If you need help, contact Academic Connections for Canvas orientation sessions.

LOW COST: Textbooks assigned to this class are less than \$50

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

11001 LEC 10:30 hrs/wk TBA Moreno, L M ON LINE
LOW COST: Textbooks assigned to this class are less than \$15

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

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

Esl And Civics IV

11154 LEC 1:40 pm - 2:50 pm MTWTh STAFF, L ON LINE
Academic Connections

This class is for students who wish to develop their English Language skills. .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.□

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

English As A Second Language - 0

11054 LEC 8:00 am - 10:35 am MTWTh Porter, A B ON LINE
ESL NC-006CE - Beginning Level

This class is for students who wish to develop their English Language skills.All new students need to sign-up for an ESL NC Orientation.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.□

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11055 LEC 6:00 pm - 8:35 pm MTWTh Meiojas, G ON LINE
ESL NC-006CE - Beginning Level

This class is for students who wish to develop their English Language skills.All new students need to sign-up for an ESL NC Orientation.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.□

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing

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assignments.

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

English As A Second Language - I

11056	LEC	8:00 am - 10:35 am	MTWTh	Elgudin, L	ON LINE
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ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. 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.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11057	LEC	6:00 pm - 8:35 pm	MTWTh	Kata, F	ON LINE
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ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. 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.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

English As A Second Language - II

11058	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	ON LINE
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ESL NC-008CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. 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.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12182	LEC	6:00 pm - 8:35 pm	MTWTh	Ebersold, D	ON LINE
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ESL NC-008CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. 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.

For more information, contact us at 213-763-3754.

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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Environmental Science

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

Requirement Designation: Meets IGETC 5A CSU B1

Introduction to Environmental Science

12329	LEC	10:00 am - 12:30 pm	MTWTh	Briones Ortega, R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Fashion Design

FASHDSN 118- Advanced Clothing Construction (CSU) - 2 Units

Enrollment Requirement: Prerequisite: FASHDSN 111

The objective of this course is to advance the sewing skills of students using specialized machinery in constructing garments of specialized fabrics such as knits, lycra and Chiffon.

12427	LAB	7:00 am - 11:30 am	TWTh	Alcala, C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

FASHDSN 119A- History Of Costume I (CSU) - 1.5 Units

This course offers an overview of the evolution of fashion from its beginnings in the ancient world through the Baroque and Rococo Eras. Cross cultural influences on fashion through wars, trade, travel, immigration, and communication will be discussed.

11128	LEC	5:10 hrs/wk	TBA	Siccardi, M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

11129	LEC	12:00 pm - 1:30 pm	TWTh	Siccardi, M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

FASHDSN 139- Coordinated Sportswear (CSU) - 2 Units

Enrollment Requirement: Prerequisite: FASHDSN 132

Advisory: FASHDSN 118, FASHDSN 138

Instruction is given on the development of coordinated sportswear including story board presentation and critique. This class has been developed to focus on this most important component of the local apparel industry with concentration on jacket and pant construction and coordination of multiple fabrications within a

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group.
10179 LAB 7:00 am - 11:50 am MTW Jackson, T R ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

12217 LAB 7:00 am - 12:10 pm MTWTh Duarte, A S ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

12218 LAB 7:00 am - 12:10 pm MTWTh Duarte, A S ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11376 LAB 7:00 am - 12:10 pm MTWTh Glass Villalobos, N ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

10186 LAB 3:00 pm - 7:15 pm MTWThF Walker, T ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Fashion Merchandising

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.

12212 LEC 10:30 hrs/wk TBA Dwyer, N ON LINE

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

Health

Class No	Component	Start/End Time	Days	Instructor	Room
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HEALTH 002- Health And Fitness (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

Students will learn methods of physical, holistic, and psychological wellness, with an emphasis on disease prevention, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management and weight control. Individual improvements using cardiovascular and resistance training, flexibility, and body composition management are emphasized in the physical fitness segment of the course.

12202	LEC	6:50 hrs/wk	TBA	Lagos, D R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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12223	LAB	6:50 hrs/wk	TBA	Lagos, D R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

11473	LEC	10:30 hrs/wk	TBA	Delzeit-McIntyre, L D	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Health Occupations

HLTHOCC 063- Basic Medical Terminology, Pathophysiology And Pharmacology (CSU) - 2 Units

This basic medical language course will discuss common diseases and injuries and their pharmacological treatment using medical terminology in English and Spanish, when appropriate.

12268	LEC	6:50 hrs/wk	TBA	Washington, C A	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

History

HISTORY 011- Political and Social History of the United States to 1877 (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

Enrollment Requirement: Advisory: ENGLISH 101

Political and Social History of the United States to 1877

10622	LEC	1:00 pm - 3:35 pm	MTWTh	Friedman, B D	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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10625	LEC	6:00 pm - 8:35 pm	MTWTh	Gutierrez, E O	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10620	LEC	10:30 hrs/wk	TBA	Martinez, M E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10960	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

HISTORY 012- Political and Social History of the United States from 1865 (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

Enrollment Requirement: Advisory: ENGLISH 101

Political and Social History of the United States from 1865

11064	LEC	10:30 hrs/wk	TBA	Rodriquez Estrada, A I	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

HISTORY 041- The African American In The History Of The U.S. I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

Enrollment Requirement: Advisory: ENGLISH 101

The African American In The History Of The U.S. I

10690	LEC	10:30 hrs/wk	TBA	Martinez, M E	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

HISTORY 086- Introduction To World Civilization I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

Enrollment Requirement: Advisory: ENGLISH 101

Introduction To World Civilization I

11474	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE
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LOW COST: Textbooks assigned to this class are less than \$50.

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

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.

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Emphasis is placed upon the awareness of cultural heritage, values and perspectives as revealed in the arts. Comparisons to relevant Asian, African and American cultures and art may also explored. Specifics may vary based on instructor.

10103	LEC	9:40 am - 12:10 pm	MTWTh	Armstrong, A E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11076	LEC	10:30 hrs/wk	TBA	Tropf, R K	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Kinesiology

KIN 334-1- Fitness Walking I (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through introductory level walking programs.

12192	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

KIN 334-2- Fitness Walking II (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through beginning level walking programs. This course builds on KIN 334-1.

12193	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

KIN 334-3- Fitness Walking III (UC/CSU) - 1 Unit

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Students learn and participate in cardiovascular activities and learn healthy lifestyle choices through intermediate level walking programs. This course builds on KIN 334-2.

12194	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Kinesiology Major

KIN MAJ 100- Introduction To Kinesiology (CSU) - 3 Units

Students learn about the study of human movement through an interdisciplinary approach that includes discussing the importance of the sub-disciplines in kinesiology and the variety of career opportunities in the areas of teaching, allied health, and fitness professions.

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12191	LEC	10:30 hrs/wk	TBA	Ratcliff, J E	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

11441	LEC	10:30 hrs/wk	TBA	Ratcliff, J E	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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 worksite-related issues such as job security, income, workers' rights, immigration and role of unions.

12358	LEC	10:30 hrs/wk	TBA	Wills, E R	ON LINE
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Due to restrictions from COVID, this class will be offered completely online.

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

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.

12359	LEC	10:30 hrs/wk	TBA	Wills, E R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

12360	LEC	3:20 hrs/wk	TBA	Wills, E R	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Library Science

LIB SCI 101- College Research Skills (CSU) - 1 Unit

This is a practical course in college level research using academic libraries and related information sources. Students develop strategies to find, organize, evaluate, and cite various print and online sources effectively and ethically. These skills help students become strong researchers and life-long learners.

12187	LEC	3:20 hrs/wk	TBA	Nitsch, L M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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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.

11073	LEC	10:30 hrs/wk	TBA	Mcintosh, A U	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Mathematics

MATH 125- Intermediate Algebra - 5 Units

Enrollment Requirement: Prerequisite: MATH 114 or MATH 115 or Placement in M7 or M10
 Math 125 strengthens and further develops manipulative skills in elementary algebra. Topics include the fundamental operations on algebraic expressions, solutions of equations and inequalities, exponentiation, graphs of algebraic, exponential and logarithmic functions, systems of equations and inequalities, and an introduction to the conic sections. Applications are included in a wide variety of word problems.

12431	LEC	7:00 am - 10:30 am	MTWThF	Ravanbakhsh, H	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12432	LEC	9:40 am - 1:10 pm	MTWThF	Dominguez, C C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12433	LEC	11:00 am - 2:30 pm	MTWThF	Bakman, A A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12435	LEC	11:00 am - 2:25 pm	MTWThF	Zinenberg, V	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

12434	LEC	5:00 pm - 8:30 pm	MTWThF	Harutyunyan, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

MATH 137- Pre-Statistics Algebra - 5 Units

Enrollment Requirement: Advisory: MATH 110 or 112

Math 137 is a prerequisite solely for Math 227. It is an introduction to the concepts of algebra and basic elements of exploratory data analysis. Topics include arithmetic operations with signed numbers, properties of real numbers, algebraic expressions, solving linear equations and inequalities, graphing linear equations and

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inequalities in two variables, solving systems of linear equations and inequalities, exponents, polynomials, factoring, rational expressions, roots, radicals, methods of solving quadratic equations, solving a variety of word problems, data analysis, sample statistics and graphs, measures of central tendency and spread, probability, and exponential and logarithmic functions.

11462	LEC	7:00 am - 10:30 am	MTWThF	Saikaly, M D	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11461	LEC	4:00 pm - 7:30 pm	MTWThF	Lopez, A E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

MATH 227S- Statistics with Support (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 125 or MATH 125S or MATH 132 or placement in M1, M2, M5, M6, or M9

This course is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics including sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and student t-distributions, linear correlation, and regression analysis are also presented as topics.

11511	LEC	7:00 am - 9:50 am	MTWThF	Kunarak, S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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11512	LAB	9:50 am - 10:55 am	MTW	Kunarak, S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11516	LEC	12:30 pm - 3:05 pm	MTWThF	Kim, A Y	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11528	LAB	3:05 pm - 4:10 pm	MTW	Kim, A Y	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

11521	LEC	4:00 pm - 6:50 pm	MTWThF	Fong, P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11522	LAB	6:50 pm - 7:55 pm	MTW	Fong, P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

MATH 260- Precalculus (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 240 or Placement in M1 or M2

2021 Winter SCHEDULE

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

11463	LEC	11:00 am - 2:30 pm	MTWThF	Maheta-Wells, P	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

MATH 275- Ordinary Differential Equations (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 266

Math 275 provides the student with a basic understanding of the theory and content of ordinary differential equations. Various methods of solving these equations, especially first and second order, are emphasized as are solutions to physical applications problems. Other topics covered include existence and uniqueness theorems, systems of linear differential equations, numerical and graphical methods using computers, and the Laplace transform.

11631	LEC	9:40 am - 12:10 pm	MTWTh	Avila, L F	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Music

MUSIC 101- Fundamentals Of Music (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3A CSU C1

This course is designed for the general student and covers the fundamentals of music, including notation, meters and rhythm, scales and key signatures, intervals, triads, and musical symbols and terminology.

12227	LEC	10:30 hrs/wk	TBA	Ray, E J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

12228	LEC	10:30 hrs/wk	TBA	Wachs, M B	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Philosophy

PHILOS 001- Introduction To Philosophy (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3B CSU C2

Introduction To Philosophy

12230	LEC	10:30 hrs/wk	TBA	Shirikjian, V G	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Physics

PHYSICS 006- General Physics I (UC/CSU) - 4 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
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Enrollment Requirement: Prerequisite: MATH 240

This is the first course of a two semester sequence and considers the fundamental principles and applications of classical mechanics, gravitation, thermodynamics, fluids, periodic motion and waves at the algebra/trigonometry level of mathematical sophistication. The laboratory includes both quantitative and qualitative experiments which permit students to verify, illustrate, and deduce various laws of physics.

10185	LEC	4:00 pm - 6:30 pm	MTWTh	De, R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

10190	LAB	6:40 pm - 9:10 pm	MTWTh	Wilson, J B	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

11402	LEC	10:00 am - 12:30 pm	MTWTh	Klee, V	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

AND

11403	LAB	12:40 pm - 6:05 pm	MTWTh	Klee, V	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Plumbing

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.

12318	LEC	7:00 am - 10:20 am	TWTh	Galvan, W M	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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).

11399	LEC	6:00 pm - 9:20 pm	TWTh	Slade, T W	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Political Science

Class No	Component	Start/End Time	Days	Instructor	Room
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POL SCI 001- The Government Of The United States (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8

The Government Of The United States

10539	LEC	6:00 pm - 8:35 pm	MTWTh	Sanchez, S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10915	LEC	10:30 hrs/wk	TBA	Tabakian, J P	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

POL SCI 002- Modern World Governments (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4H CSU D8

Modern World Governments

11633	LEC	10:30 hrs/wk	TBA	Wang, P Y	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Psychology

PSYCH 001- General Psychology I (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.

10728	LEC	10:30 hrs/wk	TBA	Bentley, M J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

10730	LEC	10:30 hrs/wk	TBA	Miller, E L	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

PSYCH 002- Biological Psychology (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5B CSU B2

Enrollment Requirement: Prerequisite: PSYCH 001

This course introduces the scientific study of the biological bases of behavior and its fundamental role in the neurosciences. Physiological, hormonal, and neurochemical mechanisms, and brain-behavior relationships underlying the psychological phenomena of sensation, perception, regulatory processes, emotion, learning, memory, and psychological disorders will be addressed. The course also notes historical scientific contributions and current research principles for studying brain-behavior relationships and mental processes. Ethical standards for human and animal research are discussed in the context of both invasive and non-invasive experimental research.

2021 Winter SCHEDULE

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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11685	LEC	9:40 am - 12:15 pm	MTWTh	Cain, L C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

PSYCH 041- Life-Span Psychology: From Infancy To Old Age (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

Enrollment Requirement: Prerequisite: PSYCH 001
Advisory: ENGLISH 100

This course provides an overview, from a psychological perspective, of human development from conception through death, including biological and environmental influences. Theories and research of physical, cognitive, personality, and social development are examined, as well as attention to developmental problems.

12582	LEC	10:30 hrs/wk	TBA	Koritzke, L S	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Refrig & Air Condition Mechan

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.

10237	LEC	6:00 pm - 9:20 pm	TWTh	Needham, M R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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

11629	LEC	14:10 hrs/wk	TBA	Cioffi, G	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

Sociology

SOC 001- Introduction To Sociology (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4J CSU D0

Introduction To Sociology

10515	LEC	8:00 am - 10:35 am	MTWTh	McClain, F	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

10527	LEC	10:30 hrs/wk	TBA	Garcia, J A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

2021 Winter SCHEDULE

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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SOC 002- American Social Problems (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4J CSU D0

American Social Problems

11464	LEC	10:30 hrs/wk	TBA	Adesina, C M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

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.

12282	LEC	7:30 am - 11:00 am	MTWThF	Quinones, H C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Supervised Learning Assistance

TUTOR 001T- Supervised Tutoring (Repeatable) - 0 Unit

Supervised Tutoring

11208	LAB			Cole, V L	D3-109
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Free Tutoring Services available to Gain/CalWorks students.
(Starts 01/06/2021, Ends 02/07/2021)

11217	LAB			Morales, L	D3-109
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ALAS
(Starts 01/25/2021, Ends 02/07/2021)

11221	LAB			Franco, F	D3-109
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(Starts 01/06/2021, Ends 02/07/2021)

11207	LAB	23:50 hrs/wk	TBA	Cole, V L	D3-109
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Free Tutoring Services available to all students enrolled at LATTC.
(Starts 01/06/2021, Ends 02/07/2021)

Supply Water Technology

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.

2021 Winter SCHEDULE

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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12322	LEC	6:00 pm - 9:35 pm	MTW	Kallo, J S	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

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.

11231	LEC	6:00 pm - 9:20 pm	ThFSa	Ginzburg, D	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

Visual Communications

VISCOM 108- 2-D Design Fundamentals (CSU) - 2 Units

A course in the principles and elements of 2D design. Principles of unity, variety, emphasis, balance and proportion guide every mark a designer creates. Elements of line, shape, form, value, color, and texture provide for a control that all visual artists seek as they manipulate their work.

12220	LEC	8:00 am - 10:10 am	MTW	Rodriguez, C J	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

VISCOM 129- Digital Photo Manipulation - 2 Units

An introductory course that concentrates on the software application Adobe Photoshop. Students will be instructed on how to use this application to create original art and graphics by manipulating scanned photography and other imagery.

12219	LAB	8:00 am - 12:15 pm	MTWTh	Lepe, S A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.