# **LA Trade-Technical College**

# **Academic Preparation**

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

Language Arts: Writing Essays

Class	Component	Start/End Time	Days	Instructor	Room
11326	LEC	1:00 pm - 2:30 pm	MW	Franco, F	F5-212
And	LEC	2:15 hrs/wk	TBA	Franco, F	TONLINENO

All textbooks/readings will be provided free of cost.

Some in person meetings are required as scheduled. The remaining activities are online. (Starts 01/06/2026, Ends 02/08/2026)

## **African American Studies**

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

Requirement Designation: Meets Cal-GETC-4 or 6

Enrollment Requirement: Advisory: ENGL C1000 or ENGLISH 101X

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

Class No	Component	Start/End Time	Days	Instructor	Room
11292	LEC	10:30 hrs/wk	TBA	Akinyela, I J	TONLINENO

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

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

Requirement Designation: Meets Cal-GETC-4 or 6
Enrollment Requirement: Advisory: AFRO AM 005

This course is from the perspective of people of African ancestry and introduces students to major social and cultural events in the African American experience, from the Reconstruction Era to the present. Integrated learning strands include an overview of Black progress movements in the contexts of race, equity, gender, sexuality, Black feminism, and social justice in the contemporary Black experience. This course documents the Black societies and culture that resisted against racism, helping students understand the theories and motivations behind race-based social patterns that forged U.S. political, social, cultural and economic relations from 1865 to the present.

Class No	Component	Start/End Time	Days	Instructor	Room
11562	LEC	10:30 hrs/wk	TBA	Akinyela, I J	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
11589	LEC	10:30 hrs/wk	TBA	Lee, J	TONLINENO

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

# American Sign Language I (UC/CSU) - 4 Units

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American Sign Language I

Class No	Component	Start/End Time	Days	Instructor	Room
10004	LEC	14:10 hrs/wk	TBA	Velez, M	TONLINENO

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

# **Anthropology**

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

Requirement Designation: Meets Cal-GETC-5B

Enrollment Requirement: Advisory: ENGL C1000 or ENGLISH 101X

This course explores the field of physical anthropology emphasizing the evolution of the human species. Topics will include human heredity, mechanisms of evolutionary change, human variation, and the

reconstruction of human evolutionary history through the study of the fossil record and the study of our closest

biological relatives, the living monkeys and apes.

Class No	Component	Start/End Time	Days	Instructor	Room		
11037	LEC	10:30 am - 1:20 pm	MTWTh	STAFF, L	F5-315		
10259	LEC	10:30 hrs/wk	TBA	Garcia, S A	TONLINENO		
No real-time meetings are required. All activities are online.							
11671	LEC	10:30 hrs/wk	TBA	Garcia, S A	TONLINENO		

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

#### Art

# ART 101- Survey Of Art History I (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-3A

An introductory survey of the arts of the Western World from the Prehistoric through the Middle Ages. Please

consult local college catalog for further details.

Class No	Component	Start/End Time	Days	Instructor	Room
10921	LEC	9:40 am - 12:30 pm	MTWTh	STAFF, L	F5-111
11040	LEC	10:30 hrs/wk	TBA	Smith, J	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
11651	LEC	10:30 hrs/wk	TBA	Derro, B A	TONLINENO

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

# **Astronomy**

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

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Requirement Designation: Me

Meets Cal-GETC-5A

Students will study of the history of astronomy, celestial motions, the solar system, stellar origins and

evolution, nebulae, galaxies and cosmology.

Class No	Component	Start/End Time	Days	Instructor	Room			
10138	LEC	4:00 pm - 6:50 pm	MTWTh	Moreno, M A	TONLINELIV			
Real-time r	meetings are require	d as scheduled. All activities are	e online.					
10512	LEC	10:30 hrs/wk	ТВА	Wilson, J B	TONLINENO			
No real-tim	e meetings are requ	ired. All activities are online.						
All textbool	All textbooks/readings will be provided free of cost.							
11943	LEC	10:30 hrs/wk	TBA	Moreno, M A	TONLINENO			

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

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

Requirement Designation: Meets Cal-GETC-5C

**Enrollment Requirement:** Corequisite: ASTRON 001

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

Class No	Component	Start/End Time	Days	Instructor	Room
10160	LAB	7:00 pm - 9:50 pm	MTWTh	Moreno, M A	TONLINELIV

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

# **Automotive Collision Repair**

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10665	LEC	2:00 pm - 2:50 pm	MTWTh	Ferre, B E	B1-132
<b>AND</b> 10666	LAB	3:00 pm - 8:25 pm	MTWTh	Ferre, B E	B1-100

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

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

Class	Component	Start/Ellu Tillie	Days	เมอแนะเอเ	KOOIII	

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No					
11654 <b>AND</b>	LEC	7:00 am - 7:50 am	MTWTh	Jakahi, J K	B1-132
11655	LAB	8:00 am - 1:25 pm	MTWTh	Jakahi, J K	B1-100

#### **Automotive Mechanics Tech**

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10747 ***This clas	LEC ss will meet in-perso	7:00 am - 7:50 am on for both lecture and laboratory	MTWTh sessions***	McFall, T J	B1-122
AUTORTK <b>AND</b>	courses may be tak	en in any order			
10748 ***This clas	LAB ss will meet in-perso	8:00 am - 1:50 pm	MTWTh / sessions***	McFall, T J	B1-104

AUTORTK courses may be taken in any order

# **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.

and to an						
Class No	Component	Start/End Time	Days	Instructor	Room	
	,	7:00 am - 7:50 am  n for both lecture and laboratory	MTWTh sessions***	Taba, R A	B1-130	
AUTORIK (	courses may be tak	en in any order				
10382 ***This clas	LAB s will meet in-perso	8:00 am - 1:50 pm  n for both lecture and laboratory	MTWTh sessions***	Taba, R A	B1-130	

AUTORTK courses may be taken in any order

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10751 ***This clas	LEC	7:00 am - 7:50 am on for both lecture and laborator	MTWTh	Cantillano, J	B1-128
	courses may be tak		y 363310113		
AND	. courses may be tar	den in any order			
10752	LAB	8:00 am - 1:50 pm	MTWTh	Cantillano, J	B1-108
***This clas	ss will meet in-perso	on for both lecture and laborator	y sessions***		

AUTORTK courses may be taken in any order

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

This course offers instruction in the types of operating principles and performance characteristics of automotive engines. Applied mathematics and related physics are emphasized throughout the course.

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Students will disassemble and assemble a complete engine and apply related theory to factory procedures.

Class No	Component	Start/End Time	Days	Instructor	Room
10483 ***This clas	LEC ss will meet in-perso	7:00 am - 7:50 am n for both lecture and laboratory	MTWTh sessions***	Ramirez, J L	B1-120
AUTORTK <b>AND</b>	courses may be tak	en in any order			
10484 ***This clas	LAB ss will meet in-perso	8:00 am - 1:50 pm n for both lecture and laboratory	MTWTh sessions***	Ramirez, J L	B1-104

AUTORTK courses may be taken in any order

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
		7:00 am - 7:50 am n for both lecture and laboratory	MTWTh  sessions***	Mostafa, O	B1-124
AND	courses may be tak	en in any order			
10663	LAB s will meet in-perso	8:00 am - 1:50 pm n for both lecture and laboratory	MTWTh sessions***	Mostafa, O	B1-106

AUTORTK courses may be taken in any order

# AUTORTK 144- California State Bureau Of Automotive Repair Smog Inspector - 3 Units

The course is designed to upgrade knowledge of the students who are currently employed in the automotive field. This course also prepares students for employment and licensing in the California State Smog Check Program and prepares them for the California State Smog License Examination. Materials and content comply with Bureau of Automotive Repair requirements.

Class No	Component	Start/End Time	Days	Instructor	Room
10749 ***This clas	LEC ss will meet in-perso	7:00 am - 7:50 am n for both lecture and laboratory	MTWTh sessions***	Rios, M	B1-124
AUTORTK <b>AND</b>	courses may be tak	en in any order			
10750 ***This class	LAB	8:00 am - 1:50 pm	MTWTh	Rios, M	B1-106

AUTORTK courses may be taken in any order

# **AUTORTK 921- Cooperative Education - Automotive And Related Technology** (Repeatable) - 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

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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).

Class No	Component	Start/End Time	Days	Instructor	Room
10482	LEC	6:50 hrs/wk	TBA	Guerra, J	TONLINENO
Cooperativ	e education courses	require that you are either			

1) actively employed

OR

2) Volunteering or participating in an internship

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

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

### **Basic Skills**

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

**Developing English Composition Skills** 

Class		Start/End Time	Days	Instructor	Room
No					
11045	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	F5-210
GED Prep I	Part One (Mixed Lev	vels) - Reading Language Arts (F	RLA)		

This class is for students preparing to complete the Reading Language Arts Portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

11044 LEC 6:00 pm - 8:35 pm MTWTh STAFF, L TONLINELIV GED Prep Part One (Mixed Levels) - Reading Language Arts

This class is for students preparing to complete the Reading Language Arts (RLA) portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

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

**Basic Math Skills** 

Class No	Component	Start/End Time	Days	Instructor	Room	
11101	LEC	8:00 am - 9:05 am	MTW	STAFF, L	TONLINELIV	
GED Prep	Part One (Mixed Le	vels) - Math				

This class is for students preparing to complete the Math portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

AND

11102	LAB	8:00 am - 10:50 am	Th	STAFF, L	TONLINELIV
And	LAB	9:20 am - 10:35 am	MTW	STAFF, L	TONLINELIV
GED Prep	Part One (	Mixed Levels) - Math			

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This class is for students preparing to complete the Math portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

GED Prep Part One (Mixed Levels) - Math

This class is for students preparing to complete the Math portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

**AND** 

 11046
 LAB
 6:00 pm - 8:50 pm
 Th
 STAFF, L
 TONLINELIV

 And
 LAB
 7:25 pm - 8:40 pm
 MTW
 STAFF, L
 TONLINELIV

GED Prep Part One (Mixed Levels) - Math

This class is for students preparing to complete the Math portion of the GED Test. For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

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

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

Class No		Start/End Time	Days	Instructor	Room	
11093	LEC	12:00 pm - 12:50 pm	MTWTh	STAFF, L	D3-109N	

This Basic Computer Literacy class teaches students the fundamentals of computer use including introductions to internet search, Microsoft Word processing, PeopleSoft SIS, and Canvas.

For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3762

(Starts 01/05/2026, Ends 02/04/2026)

AND

11094	LAB	1:00 pm - 2:20 pm	MTWTh	STAFF, L	D3-109N
And	LAB	0:50 hrs/wk	TBA	STAFF, L	TONLINENO
11059	LEC	6:00 pm - 7:05 pm	TWTh	STAFF, L	TONLINELIV

This Basic Computer Literacy class teaches students the fundamentals of computer use including introductions to internet search, Microsoft Word processing, PeopleSoft SIS, and Canvas.

For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3762

Este curso de Computacion Basica ensena a los estudiantes los fundamentos del uso de la computadora, incluyendo introducciones a la busqueda en internet, el procesador de textos Microsoft Word, PeopleSoft SIS y Canvas. La instruccion se imparte en espanol.

Para mas informacion, contacte con Academic and Workforce Connections:

Telefono: 213-763-3762

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This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments. (Starts 01/05/2026, Ends 02/04/2026)

**AND** 

 11063
 LAB
 7:15 pm - 8:50 pm
 TWTh
 STAFF, L
 TONLINELIV

 And
 LAB
 1:15 hrs/wk
 TBA
 STAFF, L
 TONLINENO

This Basic Computer Literacy class teaches students the fundamentals of computer use including introductions to internet search, Microsoft Word processing, PeopleSoft SIS, and Canvas.

For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3762

Este curso de Computacion Basica ensena a los estudiantes los fundamentos del uso de la computadora, incluyendo introducciones a la busqueda en internet, el procesador de textos Microsoft Word, PeopleSoft SIS y Canvas. La instruccion se imparte en espanol.

Para mas informacion, contacte con Academic and Workforce Connections:

Telefono: 213-763-3762

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

# Bldg Construction Techniques BLDGCTQ 102- O.S.H.A. Based Safety Standards: Construction & Industry (CSU) - 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10486	LEC	6:00 pm - 9:20 pm	WTh	STAFF, L	TONLINELIV

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

# 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'.

Class No	Component	Start/End Time	Days	Instructor	Room	
11701	LAB	8:00 am - 4:10 pm	TWTh	STAFF, L	C2-109	

Students can choose to join each scheduled class session in person or online live.

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### **Business**

## **BUS 001- Introduction To Business (UC/CSU) - 3 Units**

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

Class No	Component	Start/End Time	Days	Instructor	Room	
10295	LEC	10:30 hrs/wk	TBA	Sonnier, G D	TONLINENO	

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

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

Business Law I

Class No	Component	Start/End Time	Days	Instructor	Room	
10731	LEC	9:00 am - 11:50 am	MTWTh	Gary, K L	C4-210	

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10503	LEC	6:50 hrs/wk	TBA	Wilson-Aus, A M	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
10504	LAB	6:50 hrs/wk	TBA	Wilson-Aus, A M	TONLINENO

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

# Carpentry

# **CRPNTRY 105- Calculations And Measurement For Woodworking Students I - 3 Units**

This course covers the basic math skills needed to perform in the construction field. Emphasis is placed on the basic operations and how they are applied to carpentry. Measurement calculations will be performed in both standard and metric measurements.

Class No	Component	Start/End Time	Days	Instructor	Room	
11374	LEC	6:00 pm - 9:50 pm	MTW	STAFF, L	TONLINELIV	

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

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## 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.

Class No		Start/End Time	Days	Instructor	Room	
10037	LEC	7:00 am - 1:30 pm	MT		E2-102	

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

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

Class No	Component	Start/End Time	Days	Instructor	Room	
12444	LEC	6:00 pm - 9:20 pm	MTW	STAFF, L	E2-136	

## CRPNTRY 251- Building Codes I: International Residential Code (Irc) (CSU) - 3 Units

This class will examine the most current version of the International Residential Code. Topics include administration and planning, and the structure, logic and layout of the code. It will then take up relevant code sections for all phases of residential construction. Namely, foundation, floor, wall, roof/ceiling, electrical, plumbing and mechanical, lighting distribution and fixtures, appliance installation and swimming pools. Study materials will be aligned with the most current ICC publications.

Class No	Component	Start/End Time	Days	Instructor	Room	
12445 In-person o	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	E2-133	

# Chemistry

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

Requirement Designation: Meets Cal-GETC-5A or 5C

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

Class No	Component	Start/End Time	Days	Instructor	Room	
10651 <b>AND</b>	LEC	11:00 am - 2:50 pm	MTWTh	STAFF, L	C4-424	
10652	LAB	8:00 am - 10:50 am	MTWTh	STAFF, L	C4-466	

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12463	LEC	10:35 am - 1:55 pm	MTWTh	STAFF, L	C4-321
AND					
12464	LAB	8:00 am - 10:25 am	MTWTh	STAFF, L	C4-464

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

Requirement Designation: Meets Cal-GETC-5A or 5C **Enrollment Requirement:** Prerequisite: MATH 125

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

Class	Component	Start/End Time	Davs	Instructor	Room
No			, -		
10283	LEC	8:00 am - 10:50 am	MTWTh	Lee, H	C4-406
AND					
10285	LAB	11:00 am - 4:50 pm	MTWTh	Lee, H	C4-466

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

Requirement Designation: Meets Cal-GETC-5A or 5C **Enrollment Requirement:** Prerequisite: CHEM 101

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

Class No	Component	Start/End Time	Days	Instructor	Room	
10288 <b>AND</b>	LEC	2:00 pm - 4:50 pm	MTWTh	Acosta, M	C4-406	
10290	LAB	5:00 pm - 10:50 pm	MTWTh	Acosta, M	C4-466	

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

Requirement Designation: Meets Cal-GETC-5A or 5C **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.

Class	Component	Start/End Time	Days	Instructor	Room
No					

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10402	LEC	8:00 am - 10:30 am	MTWTh	Diaz, M	C4-321
AND					
10403	LAB	10:40 am - 4:05 pm	MTWTh	Diaz, M	C4-464

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

Requirement Designation: Meets Cal-GETC-5A or 5C **Enrollment Requirement:** Prerequisite: CHEM 211

This course is a continuation of Chemistry 211 with emphasis on the remaining functional groups and aromaticity. Emphasis is put on reactions and reaction mechanisms, stereochemistry, multi-step synthesis of a variety of organic compounds such as aromatic compounds, alcohols, phenols, amines, heterocyclics, aldehydes, ketones, carboxylic acids and their derivatives. The structures, formation and reactions of enoles and enolate anions are also studied. The structures and functional group reactions of biological molecules such as carbohydrates, amino acids, polypeptides, lipids and nucleic acids are discussed. The laboratory work presents more techniques of multi-step synthesis, isolation, purification, and analysis of organic compounds using conventional and modern instrumental methods. This course also emphasizes the use and interpretation of Nuclear Magnetic Resonance (NMR), Infrared (IR), Mass Spectroscopy (MS), Ultraviolet (UV), and Gas Chromatograph (GC) in the analysis and identification of organic compounds. The Chem. 211 and 212 sequence satisfy the one year organic chemistry requirement for careers in the physical, biological, and health sciences and a requirement for the Associate of Sciences degree in Chemistry.

Class No	Component	Start/End Time	Days	Instructor	Room	
10507 <b>AND</b>	LEC	2:00 pm - 4:30 pm	MTWTh	Shukla, B	F5-111	
10514	LAB	4:40 pm - 10:05 pm	MTWTh	Shukla, B	C4-464	

## **Chicano Studies**

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

Requirement Designation: Meets Cal-GETC-4 or 6

**Enrollment Requirement:** Advisory: ENGL C1000 or ENGLISH 101X

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

Class	Component	Start/End Time	Days	Instructor	Room
12499	LEC	10:30 am - 12:55 pm	MTWTh	Briceno, G	F5-208
11058	LEC	10:30 hrs/wk	TBA	Victoria, J	TONLINENO

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

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11401 LEC 10:30 hrs/wk TBA Agredano, F E TONLINENO

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

11960 LEC 10:30 hrs/wk TBA Agredano, F E TONLINENO

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

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

Requirement Designation: Meets Cal-GETC-4 or 6 & US1

**Enrollment Requirement:** Advisory: ENGL C1000 or ENGLISH 101X

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

Class No	Component	Start/End Time	Days	Instructor	Room
11152	LEC	10:30 am - 1:20 pm	MTWTh	Cristo, R M	F5-312
11590	LEC	10:30 hrs/wk	TBA	Victoria, J	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
11876	LEC	10:30 hrs/wk	TBA	Briceno, G	TONLINENO

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

# **Child Development**

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

Requirement Designation: Meets Cal-GETC-4

Students examine the major physical, psychosocial, and cognitive/language developmental milestones for children, both typical and atypical, from conception through adolescence. There is an emphasis on interactions between maturational processes and environmental factors. While studying developmental theory and investigative research methodologies, students will observe children, evaluate individual differences and analyze characteristics of development at various stages.

Class No	Component	Start/End Time	Days	Instructor	Room	
10667	LEC	10:30 hrs/wk	TBA	Maina, R G	TONLINENO	

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

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

As of Date 10/01/2025

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

Class No	Component	Start/End Time	Days	Instructor	Room
10951	LEC	10:30 am - 1:20 pm	MTWTh	Patron, A	TONLINELIV

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

## **Communication Studies**

## COMM C1000- Introduction to Public Speaking (UC/CSU) - 3 Units

Requirement Designation:

Meets Cal-GETC-1C

In this course, students learn and apply foundational rhetorical theories and techniques of public speaking in a multicultural democratic society. Students discover, develop, and critically analyze ideas in public discourse through research, reasoning, organization, composition, delivery to a live audience and evaluation of various types of speeches, including informative and persuasive speeches.

Class No	Component	Start/End Time	Days	Instructor	Room
10999	LEC	9:40 am - 12:30 pm	MTWTh	Mock, J C	F5-206
10231	LEC	6:00 pm - 8:30 pm	MTWTh	Mock, J C	TONLINELIV
Real-time n	neetings are require	d as scheduled. All activities are	e online.		
10488	LEC	10:30 hrs/wk	TBA	McDermott, D A	TONLINENO
No real-time	e meetings are requ	ired. All activities are online.			
10230	LEC	10:30 hrs/wk	TBA	Glavan, J J	TONLINENO

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

# **Community Plan/Economic Dev**

# COMPLAN 032- Community Building Principles And Strategies (CSU) (RPT 3) - 1 Unit

This course provides students with a basic understanding of community building principles, strategies and tools for community and economic development.

Class No	Component	Start/End Time	Days	Instructor	Room	
11692	LEC	9:00 am - 2:50 pm	Sa	Coracero, S A	F5-201	
This class	will be taught entire	lv in Spanish				

# COMPLAN 038- Developing Social Networks For Community Building (CSU) - 1 Unit

This course examines digital and online efforts of community organizations to build community leadership and civic engagement. Students will focus on how technological applications may provide more effective and

# **LA Trade-Technical College**

efficient pathways for community organizations to communicate with their stakeholders and reach their strategic goals and manage communication efforts in a digital world.

Class No	Component	Start/End Time	Days	Instructor	Room	
11640	LEC	6:00 pm - 9:20 pm	W	Vela-Lovelace, V L	F5-221	

## 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.

Class No		Start/End Time	Days	Instructor	Room	
10893	LEC	9:00 am - 5:50 pm	M	Torres, B	F5-215	

# COMPLAN 102- Cultivating Consciousness: Reflection Of The Self In Community As An Organizer - 1 Unit

Community organizers will explore issues of race, class and privilege and its impact on the self and communities. Students will learn skills and knowledge related to group dynamics, sustainability, self analysis and macro and micro issues related to the role of community organizers.

Class No	Component	Start/End Time	Days	Instructor	Room	
11642	LEC	9:30 am - 12:50 pm	Sa	Vela-Lovelace, V L	F5-221	

# **Computer Apps Office Tech**

# CAOT 007- Machine Transcription (RPT 0) - 3 Units

Machine Transcription

Class	Component	Start/End Time	Days	Instructor	Room
11302	LEC	6:50 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
11303	LAB	6:50 hrs/wk	TBA	STAFF, L	TONLINENO

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

# CAOT 082- Microsoft Office Suite (CSU) - 3 Units

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

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Class No	Component	Start/End Time	Days	Instructor	Room
10006	LEC	6:50 hrs/wk	TBA	Randall, A K	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
10008	LAB	10:30 hrs/wk	TBA	Randall, A K	TONLINENO

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

# **Computer Information Systems**

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10954	LEC	6:50 hrs/wk	TBA	Pakbaz, M	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
10955	LAB	6:50 hrs/wk	TBA	Pakbaz, M	TONLINENO

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

## **Computer Science**

## CS 116- Programming in C++ - 3 Units

Programming in C++

Class No	Component	Start/End Time	Days	Instructor	Room
10670 Co Info 739	LEC no longer exists.	6:50 hrs/wk New class is CS 116	TBA	Pakbaz, M	TONLINENO
No real-tim	e meetings are req	uired. All activities are online.			
10671 Co Info 738	LAB 3 no longer exists N	6:50 hrs/wk lew course name CS 116	TBA	Pakbaz, M	TONLINENO

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

# Coop Ed

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

Work Experience - General I

Class No	Component	Start/End Time	Days	Instructor	Room
10732	LEC	6:50 hrs/wk	TBA	Dam, M C	TONLINENO

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

# Cosmetology

# **CSMTLGY 101- Introduction To Cosmetology - 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

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program.

Class No	Component	Start/End Time	Days	Instructor	Room	
10344	LEC	10:00 am - 12:45 pm	MTWTh	Amey, T D	B2-138	

## **CSMTLGY 210- Introduction To Hair Coloring - 3 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 111 or BAR 113

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.

Component Start/End Time Instructor Class **Davs** Room No 10047 **LEC** 7:30 am - 8:45 am MTWTh Botma, S M B2-238 AND 10048 LAB 9:00 am - 1:10 pm MTWTh Botma, S M B2-238 12475 **LEC** 4:00 pm - 5:10 pm MTWTh Glover, J H B2-238 AND LAB 5:25 pm - 9:30 pm **MTWTh** Glover, J H B2-238 12476

# **CSMTLGY 211- Intermediate Hair Coloring And Styling - 3 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 111 or BAR 113

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.

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Class No	Component	Start/End Time	Days	Instructor	Room
10055 <b>AND</b>	LEC	7:30 am - 8:45 am	MTWTh	Botma, S M	B2-238
10058	LAB	9:00 am - 1:10 pm	MTWTh	Botma, S M	B2-238
11612 <b>AND</b>	LEC	4:00 pm - 5:15 pm	MTWTh	Glover, J H	B2-128
11613	LAB	5:25 pm - 9:40 pm	MTWTh	Glover, J H	B2-128

# **CSMTLGY 214- Advanced Hair Coloring And Styling - 3 Units**

**Enrollment Requirement:** Prerequisite: CSMTLGY 111 or BAR 113

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10937 <b>AND</b>	LEC	7:30 am - 8:45 am	MTWTh	Le, J M	B2-247
10938	LAB	9:00 am - 1:10 pm	MTWTh	Le, J M	B2-247
11262 <b>AND</b>	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	B2-128
11263	LAB	5:25 pm - 9:40 pm	MTWTh	Young, C P	B2-128

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# **CSMTLGY 215- Contemporary Styling Techniques - 3 Units**

Enrollment Requirement: Prerequisite: CSMTLGY 111 or BAR 113

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

Class No	Component	Start/End Time	Days	Instructor	Room
10939 <b>AND</b>	LEC	7:30 am - 8:45 am	MTWTh	Le, J M	B2-247
10940	LAB	9:00 am - 1:10 pm	MTWTh	Le, J M	B2-247
12477 <b>AND</b>	LEC	4:00 pm - 5:10 pm	MTWTh	Young, C P	B2-247
12478	LAB	5:25 pm - 9:30 pm	MTWTh	Young, C P	B2-247

# 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.

Class No	Component	Start/End Time	Days	Instructor	Room
10941 <b>AND</b>	LEC	7:30 am - 9:05 am	MTWTh	Nunley, R M	B2-128
10942	LAB	9:15 am - 12:15 pm	MTWTh	Nunley, R M	B2-128
11610 <b>AND</b>	LEC	4:00 pm - 5:35 pm	MTWTh	Williams, T	B3 305
11611	LAB	5:45 pm - 8:45 pm	MTWTh	Williams. T	B2-237

# **CSMTLGY 221- Advanced Makeup Techniques - 3 Units**

This course is designed to teach students makeup applications in contouring techniques, correct shaping of eyes, lips and eyebrows; makeup applications for women of all ages and ethnicities, and tool knowledge and camouflage procedures.

Class No	Component	Start/End Time	Days	Instructor	Room
10966 <b>AND</b>	LEC	7:30 am - 9:05 am	MTWTh	Ley, L G	B2-233
10967	LAB	9:15 am - 12:15 pm	MTWTh	Ley, L G	B2-233

# 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).

Class No	Component	Start/End Time	Days	Instructor	Room
11003	LEC	6:50 hrs/wk	TBA	STAFF, L	TONLINENO

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

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# **Culinary Arts**

# CLN ART 111- Culinary Fundamentals: An Introduction to Production Cooking (CSU) - 4 Units

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

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

Class No	Component	Start/End Time	Days	Instructor	Room	
10735 <b>AND</b>	LEC	8:00 am - 9:50 am	MTWTh	Gilligan, M A	E3-206	
10736	LAB	10:00 am - 3:25 pm	MTWTh	Gilligan, M A	E3-210	

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10737	LEC	7:05 hrs/wk	TBA	STAFF, L	TONLINENO

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

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

This course provides a quick overview of applied culinary nutrition. Recipe and menu development including ingredient selection and cooking techniques will be discussed. Special diet (low fat, low sodium, diabetic, and caloric intake) will be discussed. Appropriate for food service professionals who would like to work as personal chefs, with sports teams, at spas and resorts, major hospital chains, entertainment or transportation industries or in health care.

Class No	Component	Start/End Time	Days	Instructor	Room
10965	LEC	7:05 hrs/wk	TBA		TONLINENO

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

# **Diesel And Related Technology**

# DIESLTK 265- Compressed Natural Gas (Cng), Liquefied Natural Gas (Lng) Fuel & Electronic Controls - 4 Units

This course provides an introduction to Compressed Natural Gas (CNG) and Liquefied Natural Gas (LNG) fuel safety and handling, CNG/LNG fuel system layout, ignition systems, and the electronic controls that support the use of this alternative fuel.

Class	Component	Start/End Time	Days	Instructor	Room	
No						

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10744	LEC	7:00 am - 9:50 am	MTWTh	Ramirez, M A	B1-118
AND					
10745	LAB	10:00 am - 12:50 pm	MTWTh	Ramirez, M A	B1-100

# DIESLTK 921- Cooperative Education - Diesel And Related Technology (Repeatable) - 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).

Class No	Component	Start/End Time	Days	Instructor	Room
10481	LEC	6:50 hrs/wk	TBA	Guerra, J	TONLINENO

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

# **Digital Media**

## DIGLMD 100- Introduction To Digital Video (UC/CSU) - 3 Units

Students are introduced to the process and tools of non-linear video editing. Basic skills will be developed in editing techniques, media file formats, basic audio editing, compression types, industry terminology, development of basic still and motion graphics, and understanding key concepts of shooting for digital systems. Students will produce short video sequences that are appropriately compressed for delivery via web/Internet and various digital media.

Class No	Component	Start/End Time	Days	Instructor	Room
10475	LEC	6:50 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
10476	LAB	6:50 hrs/wk	TBA	STAFF, L	TONLINENO

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

# DIGLMD 101- Fundamentals Of Digital Media (UC/CSU) - 3 Units

Students will survey a range of digital media technologies and analyze the ever-changing adaptations of digital media. Students will also participate in the production of digital media projects that will be designed to provide an introduction to a variety of digital media environments.

Class No	Component	Start/End Time	Days	Instructor	Room
11133	LEC	6:50 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
11134	LAB	6:50 hrs/wk	TBA	STAFF, L	TONLINENO

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
12486	LEC	6:50 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
12487	LAB	6:50 hrs/wk	ТВА	STAFF, L	TONLINENO

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

## **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.

Class No	Component	Start/End Time	Days	Instructor	Room
10137	LEC	6:00 pm - 9:50 pm	MW	STAFF, L	TONLINELIV
Real-time r	meetings are require	ed as scheduled. All activities are	e online.		
11022	LEC	6:00 pm - 9:20 pm	TTh	STAFF, L	TONLINELIV

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

# ECONMT 115- Fundamentals Of D.C. Electricity (CSU) - 3 Units

This course offers study in the Fundamentals of D.C. Electricity. Subjects include: Electrical safety, the basic principles of atomic structure, electrical quantities, static electricity, magnetism, induction, resistors, series circuits, parallel circuits, and combination circuits. The proceeding resistive circuits will be analyzed using Ohm's Law. The Power Equation and Kirchoff's Voltage and Current Laws.

Class No	Component	Start/End Time	Days	Instructor	Room
10151	LEC	7:00 am - 10:35 am	MTW	STAFF, L	TONLINELIV
Real-time	meetings are require	ed as scheduled. All activities ar	e online.		
10849	LEC	7:00 am - 10:35 am	MTW	STAFF, L	TONLINELIV
10143	LEC	6:00 pm - 9:50 pm	MTW	STAFF, L	TONLINELIV

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

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10848 LEC 6:00 pm - 9:35 pm MTW STAFF, L E2-353

## **ECONMT 116- Handtools And Wiring Practices (CSU) - 2 Units**

This course covers the proper use of Hand Tools, Wiring Methods, Conductor Identification, Selection, Splicing and Termination. Trade Practices and an Introduction to the National Electrical Code.

Class No	Component	Start/End Time	Days	Instructor	Room
10379	LAB	7:00 am - 11:25 am	MTWThF	STAFF, L	E2-353
10153	LAB	5:30 pm - 9:45 pm	MTWThF	STAFF, L	E2-301

# **ECONMT 119- Applied Calculations and Measurements (CSU) - 3 Units**

This is an entry level course in electrical calculations and measurements with special emphasis on the application problems encountered in the electrical construction industry.

Class No	Component	Start/End Time	Days	Instructor	Room
10014 In-person o	LEC class.	7:00 am - 10:50 am	MTW	STAFF, L	E2-302
10015	LEC	1:00 pm - 4:50 pm	MTW	STAFF, L	TONLINELIV
Real-time ı	meetings are require	ed as scheduled. All activities ar	e online.		
10485	LEC	6:00 pm - 9:50 pm	MTW	STAFF, L	TONLINELIV
Real-time meetings are required as scheduled. All activities are online.					
11623	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	E2-351

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

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

Class No	Component	Start/End Time	Days	Instructor	Room	
11621	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	TONLINELIV	
11622	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	E2-304	

# **ECONMT 129- Fundamentals Of Alternating Current - 3 Units**

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This course offers a study in operating principles of electrical power systems, the theory of A.C. generators and motors, load calculations, efficiencies, power factor correction, and calculations related to these theories.

Class No	Component	Start/End Time	Days	Instructor	Room
11618	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	TONLINELIV

#### **Electronics**

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

Introduction To Electronics

Class No	Component	Start/End Time	Days	Instructor	Room
10404	LEC	8:00 am - 12:05 pm	MTW	Botterud, S J	B1-228
10753	LEC	10:30 hrs/wk	ТВА	Zhang, M	TONLINENO

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

# **Engineer-Opr/Maint-Apprentice**

# OPMA AP 739- Locksmithing And Security Systems For Apprenticeship - 2 Units

This course is for the beginner. It is designed to teach a facilities maintenance worker how to perform in house locksmithing in a realistic and practical way. Topics will include; preventative maintenance, basic locksmithing tools, keys and locking devices, parts of a key, master key systems, installing basic lock sets, 'Warded & Leer' tumbler, side bar wafer locks, electromagnetic locks, electric strikes and key coding machines.

Class No	Component	Start/End Time	Days	Instructor	Room	
11698	LAB	8:00 am - 4:00 pm	Sa	Arteaga, A S	B1-209	
And	LAB	5:00 pm - 10:00 pm	W	Arteaga, A S	B1-209	
20 of 40 Apprenticeship Program						

# **OPMA AP 760- Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems - 2 Units**

This course covers the minimum requirement for the periodic inspection, testing, and maintenance of water based fire protection systems, including land-based and marine applications.

Class No	Component	Start/End Time	Days	Instructor	Room	
11706	LAB	8:00 am - 1:00 pm	Sa	STAFF, L	TONLINELIV	
And	LAB	5:30 pm - 10:00 pm	WF	STAFF, L	TONLINELIV	
14 of 28 Apprenticeship Program						

# **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

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and a technologist, and the industries in which they work. Explains the educational pathways and effective strategies for students to reach their full academic and career potentials, by thorough understanding of academia and academic success strategies. Presents an introduction to the methods and tools of engineering problem solving and design including the interface with society, professional and engineering ethics, and lifelong learning. Develops communication skills pertinent to the engineering and engineering technologies professions, through hands-on project(s) and teamwork in diverse environments.

Class No	Component	Start/End Time	Days	Instructor	Room	
10406 <b>AND</b>	LEC	10:00 am - 10:50 am	MTWTh	Navarro, A	C4-420	
10407	LAB	11:00 am - 12:50 pm	MTWTh	Navarro, A	C4-420	

# **English**

# ENGLISH 101X- College Reading and Composition I Plus 1-Hour Lab (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-1A

English 101X is a course in critical reading and prose writing designed to refine the student's skills in thinking logically, reading carefully, and writing effectively. Stress is placed on the organization and composition of objective expository essays, including the research paper. Course content is identical to English 101 with one additional lab support hour for students whose MMAP placement suggests such support is needed.

Class No		Start/End Time	Days	Instructor	Room	
11270	LEC	11:00 am - 2:30 pm	MW	Cruz, C A	TONLINELIV	
And	LEC	4:25 hrs/wk	TBA	Cruz, C A	TONLINENO	
THIS CI	ASS WILL BE TALICE	JT VIA ZOOM DI LIG TRA ON	II INE HOLIDS			

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

Textbooks assigned to this class are less than \$50.

AND

11271 LAB 3:50 hrs/wk TBA Cruz, C A TONLINENO

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

Textbooks assigned to this class are less than \$50.

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

Requirement Designation: Meets Cal-GETC-1B or 3B **Enrollment Requirement:** Prerequisite: ENGL C1000

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.

Class No		Start/End Time	Days	Instructor	Room	
10326	LEC	10:30 hrs/wk	TBA	Moreno, L M	TONLINENO	

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

# **English (CCN)**

# ENGL C1000- Academic Reading and Writing (UC/CSU) - 3 Units

Textbooks assigned to this class are less than \$50.

# **LA Trade-Technical College**

Requirement Designation: Meets Cal-GETC-1A

In this course, students receive instruction in academic reading and writing, including writing processes, effective use of language, analytical thinking, and the foundations of academic research.

effective	use of languag	ge, analytical thinking, a	nd the foundation	ns of academic resear	ch.
Class No	Component	Start/End Time	Days	Instructor	Room
12033	LEC	10:30 hrs/wk	TBA	Shakir, R N	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12034	LEC	10:30 hrs/wk	TBA	Blake, G B	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12035	LEC	10:30 hrs/wk	ТВА	Mancia, R A	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12036	LEC	10:30 hrs/wk	ТВА	Sowter, S V	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12037	LEC	10:30 hrs/wk	ТВА	Viliesid, C N	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12065	LEC	10:30 hrs/wk	ТВА	Cruz, C A	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12066	LEC	10:30 hrs/wk	TBA	Blake, G B	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12078	LEC	10:30 hrs/wk	ТВА	Sowter, S V	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
Textbooks	assigned to this class	ss are less than \$50.			
12086	LEC	10:30 hrs/wk	TBA	Viliesid, C N	TONLINENO
No real-tim	e meetings are requ	ired. All activities are online.			
T 41 1		I th <b>#</b> 50			

# LA Trade-Technical College

12304 LEC 10:30 hrs/wk TBA Mancia, R A TONLINENO

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

Textbooks assigned to this class are less than \$50.

## **ENGL C1001- Critical Thinking and Writing (UC/CSU) - 3 Units**

Requirement Designation: Meets Cal-GETC-1B

**Enrollment Requirement:** Prerequisite: ENGL C1000

In this course, students receive instruction in critical thinking for purposes of constructing, evaluating, and composing arguments in a variety of rhetorical forms, using primarily non-fiction texts, refining writing skills and research strategies developed in ENGL C1000 Academic Reading and Writing (or C-ID ENGL 100) or similar first-year college writing course.

Class No	Component	Start/End Time	Days	Instructor	Room	
12094	LEC	10:30 hrs/wk	TBA	Shakir, R N	TONLINENO	

Textbooks assigned to this class are less than \$50.

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

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

ESL And Civics IV

Class No	Component	Start/End Time	Days	Instructor	Room	
11369 And	LEC LEC	12:00 pm - 3:05 pm 0:50 hrs/wk	TWTh TBA	STAFF, L STAFF, L	TONLINELIV TONLINENO	
ESL Civic	s All Levels			·		

This class is for all levels of English learners who want to learn about life in the US, US history, and US government while improving their English

For more information, please contact Academic and Workforce Connections:

Phone: 213-763-3754

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

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

Beginning Conversation

Degirii	ng Conversation	I I				
Class	Component	Start/End Time	Days	Instructor	Room	
No						
11051	LEC	8:30 am - 11:05 am	MTWTh	STAFF, L	D3-109A-1	
Beginning	Conversation Levels	s 1 and 2				

This class is for beginning English learners who speak little to no English and want to improve their listening and speaking.

Beginning Conversation is appropriate for beginning English learners who are taking, have taken, or will take ESL NC 001, 006, or 007.

This class is part of the ENGLISH AS A SECOND LANGUAGE: BEGINNING ESL CERTIFICATE. To earn this certificate, students need to complete three (3) classes with a grade of P:

# **LA Trade-Technical College**

-NC ESL 006 ENGLISH AS A SECOND LANGUAGE- 0

-NC ESL 007 ENGLISH AS A SECOND LANGUAGE- I

-NC ESL 050 BEGINNING CONVERSATION

For more information about this course, please contact Academic and Workforce Connections: 213-763-3754.

11056 LEC 6:00 pm - 8:35 pm MTWTh STAFF, L F5-210

Beginning Conversation Levels 1 and 2

This class is for beginning English learners who speak little to no English and want to improve their listening and speaking.

Beginning Conversation is appropriate for beginning English learners who are taking, have taken, or will take ESL NC 001, 006, or 007.

This class is part of the ENGLISH AS A SECOND LANGUAGE: BEGINNING ESL CERTIFICATE. To earn this certificate, students need to complete three (3) classes with a grade of P:

-NC ESL 006 ENGLISH AS A SECOND LANGUAGE- 0

-NC ESL 007 ENGLISH AS A SECOND LANGUAGE- I

-NC ESL 050 BEGINNING CONVERSATION

For more information about this course, please contact Academic and Workforce Connections: 213-763-3754.

11337 LEC 6:00 pm - 8:35 pm MTWTh STAFF, L TONLINELIV

Beginning Conversation Levels 1 and 2

This class is for beginning English learners who speak little to no English and want to improve their listening and speaking.

Beginning Conversation is appropriate for beginning English learners who are taking, have taken, or will take ESL NC 001, 006, or 007.

This class is part of the ENGLISH AS A SECOND LANGUAGE: BEGINNING ESL CERTIFICATE. To earn this certificate, students need to complete three (3) classes with a grade of P:

-NC ESL 006 ENGLISH AS A SECOND LANGUAGE- 0

-NC ESL 007 ENGLISH AS A SECOND LANGUAGE- I

-NC ESL 050 BEGINNING CONVERSATION

For more information about this course, please contact Academic and Workforce Connections: 213-763-3754.

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

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

#### Intermediate Conversation

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Class No	Component	Start/End Time	Days	Instructor	Room	
11156	LEC	8:30 am - 11:05 am	MTWTh	STAFF, L	D3-109N	
Intermedia	ate Conversation Lev	els 3 and 4				

This class is for intermediate English learners who speak English and want to improve their listening and speaking.

Intermediate Conversation is appropriate for Intermediate English learners who are taking, have taken, or will take ESL NC 008 or 009.

This class is part of the ENGLISH AS A SECOND LANGUAGE: INTERMEDIATE ESL CERTIFICATE. To earn this certificate, students need to complete three (3) classes with a grade of P:

-NC ESL 008 ENGLISH AS A SECOND LANGUAGE - II

-NC ESL 009 ENGLISH AS A SECOND LANGUAGE - III

-NC ESL 051 INTERMEDIATE CONVERSATION□

For more information about this course, please contact Academic and Workforce Connections: 213-763-3754.

# LA Trade-Technical College

11169	LEC	6:00 pm - 9:05 pm	TWTh	STAFF, L	TONLINELIV
And	LEC	0:50 hrs/wk	TBA	STAFF, L	TONLINENO

Intermediate Conversation Levels 3 and 4

This class is for intermediate English learners who speak English and want to improve their listening and speaking.

Intermediate Conversation is appropriate for Intermediate English learners who are taking, have taken, or will take ESL NC 008 or 009.

This class is part of the ENGLISH AS A SECOND LANGUAGE: INTERMEDIATE ESL CERTIFICATE. To earn this certificate, students need to complete three (3) classes with a grade of P:

- -NC ESL 008 ENGLISH AS A SECOND LANGUAGE II
- -NC ESL 009 ENGLISH AS A SECOND LANGUAGE III
- -NC ESL 051 INTERMEDIATE CONVERSATION□

For more information about this course, please contact Academic and Workforce Connections: 213-763-3754.

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

### **Environmental Science**

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

Requirement Designation: Meets Cal-GETC-5A

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

Class No		Start/End Time	Days	Instructor	Room
10657	LEC	11:00 am - 1:50 pm	MTWTh	Briones Ortega, R	TONLINELIV

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

# **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.

Class No		Start/End Time	Days	Instructor	Room
10668	LAB	7:00 am - 12:15 pm	MTW	STAFF, L	D4-230

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

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

Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

10423 LEC 5:10 hrs/wk TBA STAFF, L TONLINENO

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

## FASHDSN 125A- Textiles (CSU) - 1.5 Units

This course will introduce design students to fabrications and their appropriate styling. Fabrics discussed will include cottons, woolens, synthetics, and organics as well as support fabrications. Care and handling along with machinery for construction will be covered in this course.

Class No		Start/End Time	Days	Instructor	Room	
10424	LEC	12:30 pm - 2:00 pm	TWTh	Siccardi, M	D4-236	

# 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 group.

Class No	Component	Start/End Time	Days	Instructor	Room
10080	LAB	7:00 am - 12:15 pm	MTW	STAFF, L	D4-332

# FASHDSN 222- Sample Making And Design I - 2 Units

The fundamentals of garment construction using industrial power machines. Students will create a portfolio which demonstrates basic sewing techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
10746	LAB	1:00 pm - 5:15 pm	MTWThF	STAFF, L	D4-333

#### Health

# HEALTH 011- Principles of Healthful Living (UC/CSU) - 3 Units

Students will learn health concepts and values with the goal of promoting a high quality of life. Topics include nutrition, physical fitness, communicable diseases and other major health problems, consumer and environmental health, human sexuality and family life, mental and emotional health, tobacco, alcohol and drugs, aging, and death and dying.

Class No	Component	Start/End Time	Days	Instructor	Room
11043	LEC	10:30 hrs/wk	TBA	STAFF, L	TONLINENO

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

# **History**

# LA Trade-Technical College

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

Requirement Designation: Meets Cal-GETC-4 & US1

Enrollment Requirement: Advisory: ENGL C1000

Political and Social History of the United States to 1877

Class No		Start/End Time	Days	Instructor	Room
10279	LEC	10:30 am - 1:20 pm	MTWTh	STAFF, L	F5-401

11151 LEC 10:30 hrs/wk TBA STAFF, L TONLINENO

Zero Cost Textbook! No real-time meetings are required. All activities are online.

All textbooks/readings will be provided free of cost.

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

10388 LEC 10:30 hrs/wk TBA Bird, B L TONLINENO

This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success. Zero Cost Textbook! No real-time meetings are required. All activities are online.

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

Quality Reviewed

All textbooks/readings will be provided free of cost.

11400 LEC 10:30 hrs/wk TBA Rodriguez Estrada, A I TONLINENO

All textbooks/readings will be provided free of cost.

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

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

Requirement Designation: Meets Cal-GETC-4 & US1

Enrollment Requirement: Advisory: ENGL C1000

Political and Social History of the United States from 1865

Class Component Start/End Time Days Instructor Room
No

10401 LEC 10:30 hrs/wk TBA Rodriguez Estrada, A I TONLINENO

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

All textbooks/readings will be provided free of cost.

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

Requirement Designation: Meets Cal-GETC-4 & US1
Enrollment Requirement: Advisory: ENGL C1000

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

Class Component Start/End Time Days Instructor Room

# **LA Trade-Technical College**

No

10302 LEC 10:30 hrs/wk TBA STAFF, L TONLINENO

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

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

Requirement Designation: Meets Cal-GETC-4

Enrollment Requirement: Advisory: ENGL C1000

Introduction to World Civilization I

Class No	Component	Start/End Time	Days	Instructor	Room			
10506	LEC	10:30 hrs/wk	TBA	Bird, B L	TONLINENO			
LOW COS	LOW COST: Textbooks assigned to this class are less than \$50. No real-time meetings are required. All activities are online.							

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

Textbooks assigned to this class are less than \$50.

#### **Humanities**

## HUMAN 001- Cultural Patterns of Western Civilization (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-3B

This course introduces the general concepts of the Humanities in the framework of the predominant cultural patterns of the Western tradition from the earliest civilizations, such as the Sumerians and the Egyptians, the classical heritage of Greece and Rome, the Medieval period, or Middle Ages, and possibly continuing through the Renaissance and the Reformation. Mythology, music, history, philosophy, painting, drama, sculpture and architecture are studied and compared in relation to their background, medium, organization and style. Emphasis is placed upon the awareness of cultural heritage, values and perspectives as revealed in the arts. Comparisons to relevant Asian, African and American cultures and art may also explored. Specifics may vary based on instructor

Class No	Component	Start/End Time	Days	Instructor	Room
10051	LEC	7:00 am - 9:50 am	MTWTh	STAFF, L	F5-213
10409	LEC	10:30 hrs/wk	TBA	STAFF, L	TONLINENO

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

# Kinesiology

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

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

Class	Component	Start/End Time	Days	Instructor	Room
10626	LAB	10:30 hrs/wk	TBA	Lagos, D R	TONLINENO

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

# **LA Trade-Technical College**

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

**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.

Class No		Start/End Time	Days	Instructor	Room
10627	LAB	10:30 hrs/wk	TBA	Lagos, D R	TONLINENO

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

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

**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.

Class No	Component	Start/End Time	Days	Instructor	Room
10628	LAB	10:30 hrs/wk	TBA	Lagos, D R	TONLINENO

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

# **Kinesiology Athletics**

# KIN ATH 552- Intercollegiate Sports-Conditioning & Skills Training (UC/CSU) (RPT 3) - 1 Unit

This course is designed for the student athlete. The following areas are emphasized: The analysis and training of athletic skills, the analysis of offensive and defensive systems, physical conditioning, strength training, and aerobic conditioning.

Class No	Component	Start/End Time	Days	Instructor	Room
10884	LAB	1:00 pm - 3:05 pm	MTWThF	Morgan, S A	G2-100
10883	LAB	3:15 pm - 5:20 pm	MTWThF	Morgan, S A	G2-100

### **Labor Studies**

# LABR ST 001- U.S. Labor History (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-4 & US1

This course covers the often untold story of workers' struggle to improve their lives through union organizing and collective bargaining, ranging from early craft unions, the bloody battles to form industrial unions, and the rise of labor federations and public sector unions.

Class No	Component	Start/End Time	Days	Instructor	Room
12428	LEC	10:30 hrs/wk	TBA	Wills, E R	TONLINENO

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

# LA Trade-Technical College

# LABR ST 021- The Working Class And Cinema (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-3B

This course will examine and analyze how feature film portrayals of the working class and labor unions may shape public perception.

Class No	Component	Start/End Time	Days	Instructor	Room
10957	LEC	10:30 hrs/wk	TBA	Wills, E R	TONLINENO

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

# **Library Science**

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

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

Class No		Start/End Time	Days	Instructor	Room	
10624	LEC	3:20 hrs/wk	TBA	King, R M	TONLINENO	

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

All textbooks/readings will be provided free of cost.

# Management

# MGMT 013- Small Business Entrepreneurship (CSU) - 3 Units

This course provides a systematic approach to developing and operating a successful small business. The areas of study include: personal qualifications for starting and managing a small business, determining the market opportunity, legal procedures, planning and marketing the business, location factors, capital requirements, protective factors to provide for risk, and personnel management. Students gain experience through the development of a business plan.

Class No	·	Start/End Time	Days	Instructor	Room	
10408	LEC	10:30 hrs/wk	TBA	Mcintosh, A U	TONLINENO	

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

## **Mathematics**

# MATH 215- Mathematical Concepts for Teachers I (UC/CSU) - 3 Units

**Enrollment Requirement:** Conditions on Enrollment: Competency in intermediate algebra or completion of an intermediate algebra course with a grade of "C" or

better or placement.

Math 215 is intended for those who plan to teach mathematics in elementary schools. The course covers systems of numeration, numbers, fundamental operations and their corresponding properties, integers, rational numbers, real numbers, and algorithms used in calculations.

Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

11626 LEC 5:00 pm - 7:30 pm MTWTh STAFF, L TONLINELIV

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

### MATH 230- Mathematics For Liberal Arts Students (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-2

**Enrollment Requirement:** Conditions on Enrollment: Competency in intermediate algebra or

completion of an intermediate algebra course with a grade of "C" or

better or placement.

Math 230 is an introduction to the spirit and style of mathematics and its pursuit as a human endeavor. Topics are chosen from a variety of mathematical fields including logic, set theory, systems of numeration, number theory, algebra, the metric system, geometry, mathematical systems, consumer mathematics, probability, statistics, graph theory, voting and apportionment which are intended to illustrate the nature of mathematical discovery, the utility of mathematical applications, and the beauty of geometrical design.

Class Component Start/End Time Days Instructor Room

No	Component	Starvend Time	Days	instructor	KOOIII			
11267	LEC	9:40 am - 12:10 pm	MTWTh	STAFF, L	F5-415			
All textbook	All textbooks/readings will be provided free of cost.							
11627 ALL TEXTE	LEC BOOKS ARE FREE	9:40 am - 12:10 pm AND ONLINE	MTWTh	STAFF, L	F5-408			
All textbooks/readings will be provided free of cost.								
11628 FREE ONL	LEC INE TEXTBOOK	6:00 pm - 8:30 pm	MTWTh	STAFF, L	TONLINELIV			

All textbooks/readings will be provided free of cost.

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

# MATH 245- College Algebra (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-2

**Enrollment Requirement:** Conditions on Enrollment: Competency in intermediate algebra or

completion of an intermediate algebra course with a grade of "C" or

better or placement.

This college algebra course includes the theory of equations, polynomial and rational functions and their graphs, systems of equations, matrices, determinants, permutations, combinations, sequences and series, the Binomial Theorem, and other topics.

Class No	Component	Start/End Time	Days	Instructor	Room
11629 FREE ON	LEC LINE TEXTBOOK	5:00 pm - 7:30 pm	MTWTh	STAFF, L	TONLINELIV

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

All textbooks/readings will be provided free of cost. 5 of 40 Apprenticeship Program

# LA Trade-Technical College

12363 LEC 5:00 pm - 7:30 pm MTWTh STAFF, L TONLINELIV

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

All textbooks/readings will be provided free of cost.

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

Requirement Designation: Meets Cal-GETC-2

**Enrollment Requirement:** Prerequisites: MATH 241 or 241S or placement in MT2 or MT2S or

Programs Requiring Math 260S.

This course combines college algebra, trigonometry, and introduction to analytic-geometry. Topics in algebra include polynomial, rational, exponential and logarithmic functions, mathematical induction, systems of equations, matrices, partial fractions, and sequences. Topics in trigonometry include basic trigonometric functions; inverse trigonometry; and trigonometric equations and identities.

Class No	Component	Start/End Time	Days	Instructor	Room
11630 FREE ONL	LEC INE TEXTBOOK	9:00 am - 1:25 pm	MTWTh	STAFF, L	F5-413
All textbook	ks/readings will be p	rovided free of cost.			
12360 FREE ONL	LEC INE TEXT	9:00 am - 1:25 pm	MTWTh	STAFF, L	F5-410

All textbooks/readings will be provided free of cost.

### Music

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

Requirement Designation: Meets Cal-GETC-3A

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.

Class No	Component	Start/End Time	Days	Instructor	Room
10637	LEC	7:00 am - 9:50 am	MTWTh	STAFF, L	F5-201
10636	LEC	10:30 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
11650	LEC	10:30 hrs/wk	TBA	STAFF, L	TONLINENO

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

# Philosophy

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

Requirement Designation: Meets Cal-GETC-3B

Introduction To Philosophy

Class Component Start/End Time Days Instructor Room
No

# LA Trade-Technical College

10638 LEC 9:40 am - 12:30 pm MTWTh STAFF, L F5-212

**Physics** 

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

Requirement Designation: Meets Cal-GETC-5A or 5C

**Enrollment Requirement:** Prerequisite: MATH 240 or equivalent Trigonometry course

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 quantity

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.

Class No	Component	Start/End Time	Days	Instructor	Room
11619 <b>AND</b>	LEC	1:10 pm - 3:35 pm	MTWTh	Tekola, A	C4-420
11620	LAB	3:40 pm - 6:05 pm	MTWTh	Tekola, A	C4-420

# PHYSICS 101- Physics For Engineers And Scientists I (UC/CSU) - 5 Units

Requirement Designation: Meets Cal-GETC-5A or 5C Enrollment Requirement: Corequisite: MATH 261

Advisory: PHYSICS 011 or 012

Physics For Engineers And Scientists I

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Class No	Component	Start/End Time	Days	Instructor	Room
10489 <b>AND</b>	LEC	10:00 am - 12:30 pm	MTWTh	Klee, V	C4-422
10490	LAB	12:40 pm - 6:30 pm	MTWTh	Klee. V	C4-422

# **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

Class No	Component	Start/End Time	Days	Instructor	Room	
12443	LEC	6:00 pm - 9:35 pm	MTW	STAFF, L	E2-250	

# PLUMBNG 029- Plumbing Code II - 3 Units

Instruction is given in the uniform plumbing code that involves the current regulations of water and gas systems, fixture installation, water heaters, joints and connections, introduction to appendix 'A' and reference standards.

Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

12446 LEC 6:00 pm - 9:35 pm MTW STAFF, L E2-222

In-person class.

## 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).

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Class	Component	Start/End Time	Days	Instructor	Room
No					
10487	LEC	6:00 pm - 9:20 pm	TWTh	STAFF, L	E2-352
In-person cl	ass.				

# **Political Science (CCN)**

# POLS C1000- American Government and Politics (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-4 & US2 & US3

This course is an introduction to government and politics in the United States and California. Students examine the constitutions, structure, and operation of governing institutions, civil liberties and civil rights, political behaviors, political issues, and public policy using political science theory and methodology.

Class No	Component	Start/End Time	Days	Instructor	Room
12145	LEC	10:30 hrs/wk	TBA	Tabakian, J P	TONLINENO
No real-time	e meetings are requi	red. All activities are online.			
12148	LEC	10:30 hrs/wk	TBA	Elac, J	TONLINENO
No real-time	e meetings are requi	red. All activities are online.			
12153	LEC	10:30 hrs/wk	ТВА	Tabakian, J P	TONLINENO

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

# **Psychology**

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

Requirement Designation: Meets Cal-GETC-4

**Enrollment Requirement:** Prerequisite: PSYC C1000

Advisory: ENGL C1000

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.

Class Component Start/End Time Days Instructor Room

No 10680 LEC 10:30 hrs/wk TBA STAFF, L TONLINENO

This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success. No real-time meetings are required. All activities are online.

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

# LA Trade-Technical College

Quality Reviewed

11150 LEC 10:30 hrs/wk TBA STAFF, L TONLINENO

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

# **Psychology (CCN)**

## PSYC C1000- Introduction to Psychology (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-4

**Enrollment Requirement:** Advisory: English 100 or 101

This course is an introduction to psychology, which is the study of the mind and behavior. Students focus on theories and concepts of biological, cognitive, developmental, environmental, social, and cultural influences; their applications: and their research foundations.

Class	Component	Start/End Time	Days	Instructor	Room
12177	LEC	10:30 am - 1:20 pm	MTWTh	STAFF, L	F5-310
12176	LEC	10:30 hrs/wk	TBA	Bentley, M J	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
12192	LEC	10:30 hrs/wk	TBA	Bentley, M J	TONLINENO
No real-tim	e meetings are requ	uired. All activities are online.			
12195	LEC	10:30 hrs/wk	TBA	STAFF, L	TONLINENO

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

# Refrig & Air Condition Mechan REF A/C 187- Servicing I - 3 Units

This course reviews servicing procedures, manufacturer's recommendations, installation and servicing of commercial and industrial refrigeration and air conditioning systems.

Class No	Component	Start/End Time	Days	Instructor	Room	
10847 In-person	LEC class.	6:00 pm - 9:20 pm	TWTh	STAFF, L	E2-203	

# REF A/C 208- Refrigerant Management - Epa Section 608 (CSU) - 4 Units

This course covers Refrigerant Management including the EPA Section 608 ruling, the Montreal Protocol, Ozone depletion and Global Warming. Preparatory course for the EPA section 608 technician certification. Type I, II, III, and Universal Certification. NOTE: Certification test will be available at the end of the semester for an additional fee

Class	Component	Start/End Time	Days	Instructor	Room
No					

# LA Trade-Technical College

11616 LEC 14:10 hrs/wk TBA STAFF, L TONLINENO

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

# Sociology

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

Requirement Designation: Meets Cal-GETC-4

Introduction To Sociology

Class No	Component	Start/End Time	Days	Instructor	Room
10245	LEC	10:30 am - 1:20 pm	MTWTh	STAFF, L	F5-313
10250	LEC	10:30 hrs/wk	TBA	Howard, R	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
10903	LEC	10:30 hrs/wk	TBA	Howard, R	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
12500	LEC	10:30 hrs/wk	TBA	Khonach, T L	TONLINENO

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

# SOC 031- Sociology Of Gender (UC/CSU) - 3 Units

Requirement Designation: Meets Cal-GETC-4

Sociology Of Gender

Class No	Component	Start/End Time	Days	Instructor	Room	
10865	LEC	10:30 hrs/wk	TBA	Khonach, T L	TONLINENO	

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

# **Spanish**

# SPANISH 001- Elementary Spanish I (UC/CSU) - 5 Units

An introductory course for students who have had little or no oral or written knowledge of Spanish. Students develop listening, speaking, reading, and writing skills in communicative contexts that are focused on the cultures of the Spanish-speaking world. Upon successful completion of this course students are able to understand and engage in simple conversations on familiar topics. Conducted primarily in Spanish.

Class No	Component	Start/End Time	Days	Instructor	Room
10650	LEC	9:30 am - 1:05 pm	MTWThF	Quinones, H C	F5-306

## **Statistics**

# STAT C1000- Introduction to Statistics (UC/CSU) - 4 Units

Requirement Designation: Meets Cal-GETC-2

# LA Trade-Technical College

**Enrollment Requirement:** 

Conditions on Enrollment: Competency in intermediate algebra or completion of an intermediate algebra course with a grade of "C" or better or placement.

This course is an introduction to statistical thinking and processes, including methods and concepts for discovery and decision-making using data. Topics include descriptive statistics; probability and sampling distributions; statistical inference; correlation and linear regression; analysis of variance, chi-squared, and t-tests; and application of technology for statistical analysis including the interpretation of the relevance of the statistical findings. Students apply methods and processes to applications using data from a broad range of disciplines.

Class No	Component	Start/End Time	Days	Instructor	Room
12228	LEC	9:40 am - 1:00 pm	MTWTh	STAFF, L	F5-415
12361 FREE ONL	LEC INE TEXT	9:40 am - 1:10 pm	MTWTh	STAFF, L	F5-413
All textbook	ss/readings will be p	rovided free of cost.			
12229	LEC	4:00 pm - 7:30 pm	MTWTh	STAFF, L	TONLINELIV
Real-time n	neetings are require	ed as scheduled. All activities are	e online.		
12362 FREE ONL	LEC INE TEXT BOOK	4:00 pm - 7:30 pm	MTWTh	STAFF, L	TONLINELIV

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

All textbooks/readings will be provided free of cost.

# Supervised Learning Assistance

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

Supervised Tutoring

Class No	Component	Start/End Time	Days	Instructor	Room		
10443	LAB	23:50 hrs/wk	TBA	STAFF, L	D3-109		
Free Tutoring Services available to all students enrolled at LATTC.							
(Starts 01/	(Starts 01/07/2026, Ends 02/08/2026)						

# **Visual Communications**

# VISCOM 100- Graphic Design Fundamentals (CSU) - 3 Units

An introduction to the profession of Graphic Design and design processes. The course and projects will stress design basics, typography, the computer as a design tool, the basics of visual problem solving, and professional presentation.

Class No	Component	Start/End Time	Days	Instructor	Room
12482	LEC	3:20 hrs/wk	TBA	STAFF, L	TONLINENO

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

AND

# LA Trade-Technical College

12483 LAB 14:10 hrs/wk TBA STAFF, L TONLINENO

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

#### VISCOM 118- Adobe Illustrator I - 3 Units

This comprehensive course is designed for beginners who want to learn the fundamentals of Adobe Illustrator, the industry-standard vector graphics software. Throughout the course, students will explore the essential tools and techniques for creating stunning illustrations, logos, and designs.

Class No	Component	Start/End Time	Days	Instructor	Room
12484	LEC	3:20 hrs/wk	TBA	STAFF, L	TONLINENO
No real-tim	ne meetings are requ	uired. All activities are online.			
12485	LAB	14:10 hrs/wk	TBA	STAFF, L	TONLINENO

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

#### **Vocational Education**

## **VOC ED 319CE- Pathway Ready (Repeatable) - 0 Unit**

The purpose of this Pathway Ready course is to help new and returning LATTC students make a successful transition to the community college. The students will recognize and appreciate the diversity while adjusting to the academic, social, cultural, and civic awareness necessary for college, career, and lifetime success. Students will get exposure to the industries and the programs of study, faculty, requirements, and support services offered by the pathway they have chosen.

Class No	Component	Start/End Time	Days	Instructor	Room	
11659	LEC	9:00 am - 12:50 pm	Th	STAFF, L	E3-205	
And	LEC	6:30 hrs/wk	TBA	STAFF, L	TONLINENO	

This class is for Culinary Arts, Professional Baking, and Restaurant Management students. It is a hybrid class where you will meet for 4 hours per week and the remaining hours will be asynchronous where the student completes the work on their own time.

The student completing this course will receive 2 sets of chef's uniforms upon successful completion of the course.

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

# VOC ED 540CE- Culinary: Elements of Cooking Techniques (Repeatable) - 0 Unit

Culinary: Elements of Cooking Techniques

Class No		Start/End Time	Days	Instructor	Room	
11314	LAB	8:30 am - 3:20 pm	Sa	STAFF, L	E3-210	

# VOC ED 541CE- Culinary: Baking Skills (Repeatable) - 0 Unit

Culinary: Baking Skills

Class No	Component	Start/End Time	Days	Instructor	Room	
11646	LAB	8:30 am - 3:20 pm	Sa	STAFF, L	E3-110BR	

# **Welding Gas And Electric**

# **LA Trade-Technical College**

# WELDG/E 124- Blueprint Reading I (CSU) - 3 Units

This course covers the principles of reading and interpreting basic industrial blueprints as applied to the welding trade.

Class No	Component	Start/End Time	Days	Instructor	Room
12459	LEC	7:00 am - 10:20 am	MTW	STAFF, L	B1-150