

## 2023 Summer SCHEDULE

## LA Trade-Technical College

### Academic Preparation

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

Language Arts: Writing Essays

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

14169	LEC	3:10 hrs/wk	TBA	Cluxton, Z W	ON LINE
-------	-----	-------------	-----	--------------	---------

This class is designed for both native language and ESL students. There will be optional Zoom meetings each week.

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

(Starts 06/26/2023, Ends 08/20/2023)

### Administration Of Justice

#### ADM JUS 001- Introduction To Administration Of Justice (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4H CSU D8*

Philosophy, history, and theories of the criminal justice system, including the roles and functions of the local, state, and federal jurisdictions. Theories, functions, and interrelationships among criminal justice agencies; law enforcement, courts, and corrections; crime causation, correctional theory, analysis and the social impact of crime. The conceptual approach utilized in this course recognizes that criminal justice is itself a distinct academic discipline rather than an interdisciplinary course of study.

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

13124	LEC	9:00 am - 11:50 am	MTWTh	Katz, S J	ON LINE
-------	-----	--------------------	-------	-----------	---------

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

(Starts 06/19/2023, Ends 07/23/2023)

14669	LEC	9:00 am - 11:50 am	MTWTh	Leung, J	ON LINE
-------	-----	--------------------	-------	----------	---------

LATTC STEAM Academy

Enrollment and participation is open to all students.

This class will be conducted remotely and online.

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

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

(Starts 06/12/2023, Ends 07/16/2023)

14686	LEC	9:40 am - 12:30 pm	MTWTh	Jackson, D C	OFF CAMP
-------	-----	--------------------	-------	--------------	----------

[Partnerships]

USC Upward Bound

3716 S. Hope St, Los Angeles CA, 90089

Enrollment and participation is open to all students. This class section will meet in-person at USC.

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

(Starts 06/12/2023, Ends 07/16/2023)

15783	LEC	1:00 pm - 3:30 pm	MTWTh	Jackson, D C	OFF CAMP
-------	-----	-------------------	-------	--------------	----------

[Partnerships Section]

USC Upward Bound

3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation is open to all students.

# 2023 Summer SCHEDULE

# LA Trade-Technical College

This class section will meet in-person at USC.

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/26/2023, Ends 07/30/2023)

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

*Requirement Designation: Meets IGETC 4H CSU D8*

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

Class No	Component	Start/End Time	Days	Instructor	Room
15479	LEC	1:00 pm - 3:50 pm	MTWTh	Leung, J	OFF CAMP

[Partnerships Section]  
USC Upward Bound  
3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation is open to all students.

This class section will meet in-person at USC

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/12/2023, Ends 07/16/2023)

## **African American Studies**

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

*Requirement Designation: Meets IGETC-4 CSU-D F*

**Enrollment Requirement:** Advisory: ENGLISH 101

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

Class No	Component	Start/End Time	Days	Instructor	Room
14251	LEC	10:30 hrs/wk	TBA	Akinyela, I J	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14682	LEC	10:30 hrs/wk	TBA	Akinyela, I J	ON LINE
-------	-----	--------------	-----	---------------	---------

LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

No real-time meetings are required. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

15544	LEC	10:30 hrs/wk	TBA	Lee, J	ON LINE
-------	-----	--------------	-----	--------	---------

[Partnerships Section]  
STEAM

Enrollment and participation are open to all students.

# 2023 Summer SCHEDULE

# LA Trade-Technical College

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

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

No real-time meetings are required. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

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

*Requirement Designation:* Meets IGETC-4 CSU-D F

**Enrollment Requirement:** Advisory: AFRO AM 005

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

Class No	Component	Start/End Time	Days	Instructor	Room
14224	LEC	10:30 hrs/wk	TBA	Akinyela, I J	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

15867	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE
-------	-----	--------------	-----	----------	---------

(Starts 07/17/2023, Ends 08/20/2023)

## American Sign Language

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

*Requirement Designation:* Meets IGETC 6A CSU C2

American Sign Language I

Class No	Component	Start/End Time	Days	Instructor	Room
14668	LEC	1:00 pm - 4:05 pm	MTWTh	Velez, M	F5-201

LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted in-person at LATTC.

For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/23/2023)

12462	LEC	4:30 pm - 6:40 pm	MTWTh	Jones, L F	ON LINE
-------	-----	-------------------	-------	------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

10003	LEC	8:50 hrs/wk	TBA	Velez, M	ON LINE
-------	-----	-------------	-----	----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Anatomy

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

# 2023 Summer SCHEDULE

# LA Trade-Technical College

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

**Enrollment Requirement:** Prerequisite: BIOLOGY 003 or BIOLOGY 005 or BIOLOGY 006

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

Class No	Component	Start/End Time	Days	Instructor	Room
11925 (Starts 06/12/2023, Ends 07/16/2023)	LEC	8:00 am - 10:35 am	MTWTh	Abdulmalek, S	C4-305
<b>AND</b>					
11926 (Starts 06/12/2023, Ends 07/16/2023)	LAB	10:40 am - 1:15 pm	MTWTh	Abdulmalek, S	C4-468

## Anthropology

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

*Requirement Designation:* Meets IGETC 5B CSU B2

**Enrollment Requirement:** Advisory: ENGLISH 028

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

Class No	Component	Start/End Time	Days	Instructor	Room
14291 (Starts 07/17/2023, Ends 08/20/2023)	LEC	9:40 am - 12:05 pm	MTWTh	Carter, M J	F5-315
11343	LEC	10:30 hrs/wk	TBA	Motkin, I R	ON LINE
No real-time meetings are required. All activities are online. (Starts 06/12/2023, Ends 07/16/2023)					
12065	LEC	10:30 hrs/wk	TBA	Motkin, I R	ON LINE
No real-time meetings are required. All activities are online. (Starts 07/17/2023, Ends 08/20/2023)					
15868 (Starts 07/17/2023, Ends 08/20/2023)	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE

## Architecture

### ARC 385- Directed Study - Architecture (CSU) - 3 Units

This course allows students to pursue directed study in architecture on a contract basis under the direction of a supervising instructor.

Class No	Component	Start/End Time	Days	Instructor	Room
15300 In-Person (Starts 06/12/2023, Ends 07/16/2023)	LEC	7:00 am - 10:35 am	TWTh	Oliva, M	C2-109

## Art

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

*Requirement Designation: Meets IGETC 3A CSU C1*

An introductory survey of the arts of the Western World from the Prehistoric through the Middle Ages. Please consult local college catalog for further details.

Class No	Component	Start/End Time	Days	Instructor	Room
11946 (Starts 07/17/2023, Ends 08/20/2023)	LEC	7:00 am - 9:25 am	MTWTh	Mann, A	F5-401

14094	LEC	7:00 am - 9:50 am	MTWTh	Pinto, C D	ON LINE
-------	-----	-------------------	-------	------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14095 (Starts 06/12/2023, Ends 07/16/2023)	LEC	10:00 am - 12:50 pm	MTWTh	Pinto, C D	F5-107
---	-----	---------------------	-------	------------	--------

10146	LEC	10:30 hrs/wk	TBA	Mirkovich, M Z	ON LINE
-------	-----	--------------	-----	----------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10150	LEC	10:30 hrs/wk	TBA	Eoff, R J	ON LINE
-------	-----	--------------	-----	-----------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

15878 (Starts 07/17/2023, Ends 08/20/2023)	LEC	10:30 hrs/wk	TBA	Smith, J	ON LINE
---	-----	--------------	-----	----------	---------

11633	LEC	10:30 hrs/wk	TBA	Mirkovich, M Z	ON LINE
-------	-----	--------------	-----	----------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## ART 103- Art Appreciation I (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 3A CSU C1*

A general introduction to art that examines works of art through the study of theory, terminology, themes, design principles, media, techniques with an introduction to the visual arts across time and diverse cultures. Please consult local college catalog for further details.

Class No	Component	Start/End Time	Days	Instructor	Room
13126 LATTC STEAM Academy	LEC	9:00 am - 11:50 am	MTWTh	Eoff, R J	F5-401

Enrollment and participation is open to all students.

This class will be conducted in-person at LATTC.

For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

**ART 201- Drawing I (UC/CSU) - 3 Units***Requirement Designation: Meets CSU C1***Enrollment Requirement:** Maximum of four enrollments in the Art-Drawing course family.

Students apply elements and principles of design to the practice of drawing, employing a wide range of subject matter, drawing techniques and media. They develop observation-based and technical drawing skills and explore their creative responses to materials and subject matter.

Class No	Component	Start/End Time	Days	Instructor	Room
14922	LEC	6:50 hrs/wk	TBA	Smith, J	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

**AND**

14923	LAB	6:50 hrs/wk	TBA	Smith, J	ON LINE
-------	-----	-------------	-----	----------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

**Astronomy****ASTRON 001- Elementary Astronomy (UC/CSU) - 3 Units***Requirement Designation: Meets IGETC 5A CSU B1*

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

Class No	Component	Start/End Time	Days	Instructor	Room
10188	LEC	4:00 pm - 6:30 pm	MTWTh	Moreno, M A	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10199	LEC	4:00 pm - 6:25 pm	MTWTh	Moreno, M A	ON LINE
-------	-----	-------------------	-------	-------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11268	LEC	10:30 hrs/wk	TBA	Khan, M	ON LINE
-------	-----	--------------	-----	---------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**ASTRON 005- Fundamentals Of Astronomy Laboratory (UC/CSU) - 1 Unit***Requirement Designation: Meets IGETC 5C CSU B3***Enrollment Requirement:** Corequisite: ASTRON 001

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

Class No	Component	Start/End Time	Days	Instructor	Room
11041	LAB	6:35 pm - 9:00 pm	MTWTh	Moreno, M A	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

10266    LAB                    6:40 pm - 9:15 pm                    MTWTh                    Moreno, M A                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## 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
----------	-----------	----------------	------	------------	------

12023	LEC	7:00 am - 7:50 am	MTWTh	Jakahi, J K	B1-132
-------	-----	-------------------	-------	-------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

#### AND

12024	LAB	8:00 am - 1:50 pm	MTWTh	Jakahi, J K	B1-100
-------	-----	-------------------	-------	-------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

### AUTOCOR 248- Auto Custom Painting - 3 Units

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

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

12468	LEC	1:00 pm - 1:50 pm	MTWTh	Ferre, B E	B1-132
-------	-----	-------------------	-------	------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

#### AND

12469	LAB	2:00 pm - 7:50 pm	MTWTh	Ferre, B E	B1-132
-------	-----	-------------------	-------	------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

### AUTOCOR 931- Cooperative Education - Automotive Collision Repair (RPT 4) - 3 Units

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

Cooperative Education is a work experience program involving the employer, the student-employee and the college to 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 Collision Repair course or successfully completed an Automotive Collision Repair 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
----------	-----------	----------------	------	------------	------

11162	LEC	6:30 hrs/wk	TBA	Guerra, J	ON LINE
-------	-----	-------------	-----	-----------	---------

This is an online course with meetings scheduled directly with the instructor.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## 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
12463	LEC	7:00 am - 7:50 am	MTWTh	McFall, T J	B1-122

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

12464	LAB	8:00 am - 1:50 pm	MTWTh	McFall, T J	B1-108
-------	-----	-------------------	-------	-------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

**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.

Class No	Component	Start/End Time	Days	Instructor	Room
10859	LEC	7:00 am - 7:50 am	MTWTh	Taba, R A	B1-130

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10313	LAB	8:00 am - 1:50 pm	MTWTh	Taba, R A	B1-130
-------	-----	-------------------	-------	-----------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

**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
12029	LEC	7:00 am - 7:50 am	MTWTh	Cantillano, J	B1-128

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

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

12030	LAB	8:00 am - 1:50 pm	MTWTh	Cantillano, J	B1-108
-------	-----	-------------------	-------	---------------	--------

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

(Starts 06/12/2023, Ends 07/16/2023)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11492	LEC	7:00 am - 7:50 am	MTWTh	Ramirez, J L	B1-120

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

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

11493	LAB	8:00 am - 1:50 pm	MTWTh	Ramirez, J L	B1-104
-------	-----	-------------------	-------	--------------	--------

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

(Starts 06/12/2023, Ends 07/16/2023)

**AUTORTK 135- Computer Control And Fuel Injection (CSU) - 3 Units**

Instruction is offered in Automotive Computer Control and Fuel Injection Systems. Emphasis is placed on



# 2023 Summer SCHEDULE

# LA Trade-Technical College

computer control electronic and fuel systems construction, function, inspection, component theory and operation, troubleshooting principles and engine condition diagnosis, testing,

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

10321	LEC	7:00 am - 7:50 am	MTWTh	Mostafa, O	B1-124
-------	-----	-------------------	-------	------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

## AND

10860	LAB	8:00 am - 1:50 pm	MTWTh	Mostafa, O	B1-108
-------	-----	-------------------	-------	------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

## AUTORTK 146- California State Bureau of Automotive Repair Specified Diagnosis and Repair (CSU) - 3 Units

BAR Specified Diagnostic and Repair Training is intended to provide students a high level of competency in the diagnosis and repair of Smog Check failures. This training focuses on the areas of electrical/electronic systems and engine and emission control performance. Students with at least two years of engine performance repair experience and who successfully complete this training may qualify for the state licensing examination for the Smog Check Repair Technician License.

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

12465	LEC	7:00 am - 7:50 am	MTWTh	Rios, M	B1-116
-------	-----	-------------------	-------	---------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

## AND

12466	LAB	8:00 am - 1:50 pm	MTWTh	Rios, M	B1-106
-------	-----	-------------------	-------	---------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

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

This course allows students to pursue a directed study in Automotive and Related Technology on a contract basis under the direction of a supervising instructor.

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

13313	LEC	8:00 am - 12:15 pm	Sa		OFF CAMP
-------	-----	--------------------	----	--	----------

And	LEC	3:00 pm - 5:25 pm	F		OFF CAMP
-----	-----	-------------------	---	--	----------

Camp Kirby

(Starts 06/12/2023, Ends 07/15/2023)

## AUTORTK 921- Cooperative Education - Automotive And Related Technology (RPT 7) - 2 Units

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

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

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

12170 LEC 4:50 hrs/wk TBA DaCosta, M B ON LINE  
LA Metro TCAP

No real-time meetings are required. All activities are online.  
(Starts 06/23/2023, Ends 08/11/2023)

13314 LEC 4:50 hrs/wk TBA DaCosta, M B ON LINE  
LA Metro TCAP

No real-time meetings are required. All activities are online.  
(Starts 06/23/2023, Ends 08/11/2023)

### AUTORTK 931- Cooperative Education - Automotive And Related Technology (RPT 4) - 3 Units

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

Cooperative Education - Automotive And Related Technology

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

11161	LEC	6:30 hrs/wk	TBA	Guerra, J	ON LINE
-------	-----	-------------	-----	-----------	---------

This is an online course with meetings scheduled directly with the instructor.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

### Baking, Professional

#### PROFBKG 112- Baking Processes And Theory Of Ingredients - 4 Units

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

Course Covers the production of quick breads, introduction to puff pastry, laminated dough, and cookies with a emphasis placed on mixing methods. The role of leavening agents, starches, chemical reactions of ingredients and the effect on heat and cold on products. Recipe and menu development, including ingredient selection will be discussed.

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

14817	LEC	8:00 am - 10:10 am	TWTh	True, C B	E3-202
-------	-----	--------------------	------	-----------	--------

(Starts 07/17/2023, Ends 08/20/2023)

**AND**

14818	LAB	10:20 am - 5:10 pm	TWTh	True, C B	E3-212
-------	-----	--------------------	------	-----------	--------

(Starts 07/17/2023, Ends 08/20/2023)

### Barbering

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

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

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

11817	LEC	6:30 hrs/wk	TBA	Glover, J H	ON LINE
-------	-----	-------------	-----	-------------	---------

This course which includes lab is for students that have completed CSMTLGY 142 with a grade of C or better. Contact instructor by email at gloverjh@latc.edu for more information specific to this class..

- Send email of your enrollment to instructor of record.

- 6th edition Milady's Standard Barbering textbook bundle, includes CIMA (LATTC College Store)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

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

(Starts 06/12/2023, Ends 08/06/2023)

## AND

11818 LAB 8:00 am - 1:10 pm MTWTh Glover, J H B2-123

This course which includes lecture is for licensed cosmetologists or students that have completed CSMTLGY 142. Current schedules should be considered when selecting this class. Contact the instructor, Ms. Jacquelyn Glover by email at [gloverjh@laccd.edu](mailto:gloverjh@laccd.edu) for more information specific to this class.

- Completion of CSMTLGY 142 with a passing grade of C or better OR
- Current California cosmetology license and I.D. are required as verification to secure enrollment.
- Send email of your enrollment to instructor of record.
- Barbering 6th edition Milady's Standard textbook bundle, includes CIMA (LATTC College Store)

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

(Starts 06/12/2023, Ends 08/06/2023)

## Basic Skills

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

#### Developing English Composition Skills

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

14132	LEC	8:00 am - 10:50 am	MW	Franco, F	F5-210
-------	-----	--------------------	----	-----------	--------

(Starts 06/12/2023, Ends 08/23/2023)

11168	LEC	9:00 am - 12:35 pm	TTh	Artiles, J	ON LINE
-------	-----	--------------------	-----	------------	---------

Workforce Connections || Session Two  
GED Prep Part Two (TABE E and M) - English

This class will be taught in-person for Summer 2023

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

Phone: 213-763-3754

Text: 213-293-9047

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

(Starts 06/12/2023, Ends 07/27/2023)

14133	LEC	11:00 am - 1:25 pm	TTh	Acklin, R	ON LINE
-------	-----	--------------------	-----	-----------	---------

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

(Starts 06/12/2023, Ends 08/23/2023)

12759	LEC	11:20 am - 1:45 pm	MTWTh	Gides, J C	ON LINE
-------	-----	--------------------	-------	------------	---------

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

Academic Connections || Session Two  
GED Prep Part Two (TABE D and A) - English

This class will be taught online for Summer 2022

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

Phone: 213-763-3754

Text: 213-293-9047

(Starts 07/17/2023, Ends 08/20/2023)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

11167    LEC                    5:45 pm - 7:20 pm                    MTW                    Gutierrez, E                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
Academic Connections  
GED Prep Part One (Mixed Levels) - English |  
This class will be taught online for Summer 2022

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

Phone: 213-763-3754  
Text: 213-293-9047  
(Starts 06/12/2023, Ends 08/20/2023)

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

Class No	Component	Start/End Time	Days	Instructor	Room
11939	LEC	4:30 pm - 8:00 pm	MW	Brown, W J	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
Academic Connections - TEAS Prep  
Reading

For more information, please contact Academic Connections:

Phone: 213-763-3754  
Text: 213-293-9047  
(Starts 06/12/2023, Ends 07/16/2023)

11940    LEC                    4:30 pm - 8:00 pm                    T                    Robles, M                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
Academic Connections - TEAS Prep  
Science

For more information, please contact Academic Connections:

Phone: 213-763-3754  
Text: 213-293-9047  
(Starts 06/12/2023, Ends 07/16/2023)

11941    LEC                    4:30 pm - 8:00 pm                    Th                    Calderon, J                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
Academic Connections - TEAS Prep  
Math

For more information, please contact Academic Connections:

Phone: 213-763-3754  
Text: 213-293-9047  
(Starts 06/12/2023, Ends 07/16/2023)

11942    LEC                    4:30 pm - 8:00 pm                    MW                    Brown, W J                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
Academic Connections - TEAS Prep  
Reading

# 2023 Summer SCHEDULE

# LA Trade-Technical College

For more information, please contact Academic Connections:

Phone: 213-763-3754  
 Text: 213-293-9047  
 (Starts 07/17/2023, Ends 08/20/2023)

11945	LEC	4:30 pm - 8:00 pm	Th	Calderon, J	ON LINE
-------	-----	-------------------	----	-------------	---------

Real-time meetings are required as scheduled. All activities are online.  
 Academic Connections - TEAS Prep  
 Math

For more information, please contact Academic Connections:

Phone: 213-763-3754  
 Text: 213-293-9047  
 (Starts 07/17/2023, Ends 08/20/2023)

14903	LEC	6:00 pm - 9:10 pm	MW	Torres, E	F5-208
-------	-----	-------------------	----	-----------	--------

(Starts 06/12/2023, Ends 08/20/2023)

14904	LEC	6:00 pm - 9:10 pm	TTh	Cuellar, M	F5-208
-------	-----	-------------------	-----	------------	--------

(Starts 06/12/2023, Ends 08/20/2023)

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

### Basic Math Skills

Class No	Component	Start/End Time	Days	Instructor	Room
14140	LEC	8:00 am - 8:50 am	TTh	Estroff, R M	F5-208
<b>AND</b>					
14141	LAB	9:00 am - 10:10 am	TTh	Estroff, R M	F5-208
14205	LEC	9:00 am - 10:00 am	MW	Cuellar, M	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
 (Starts 06/12/2023, Ends 08/23/2023)

14206	LAB	10:25 am - 12:15 pm	MW	Cuellar, M	ON LINE
-------	-----	---------------------	----	------------	---------

Real-time meetings are required as scheduled. All activities are online.  
 (Starts 06/12/2023, Ends 08/23/2023)

11171	LEC	7:30 pm - 8:20 pm	MT	Calderon, J	ON LINE
-------	-----	-------------------	----	-------------	---------

Real-time meetings are required as scheduled. All activities are online.  
 Academic Connections  
 GED Prep Part One (Mixed Level) - Math || 10 Weeks  
 This class will be taught online for Summer 2022

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

Phone: 213-763-3754  
 Text: 213-293-9047  
 (Starts 06/12/2023, Ends 06/29/2023)

**AND**

## 2023 Summer SCHEDULE

## LA Trade-Technical College

11172	LAB	7:30 pm - 9:20 pm	W	Calderon, J	ON LINE
And	LAB	8:30 pm - 9:20 pm	MT	Calderon, J	ON LINE

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

Academic Connections

GED Prep Part One (Mixed Level) - Math || 10 Weeks

This class will be taught online for Summer 2022

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

Phone: 213-763-3754

Text: 213-293-9047

(Starts 06/12/2023, Ends 06/29/2023)

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

This is a basic computer skills class for students with no previous computer training or experience. It is designed to assist students understand the basic computer hardware and the computer operating system.

The class will also focus on developing basic computer skills using Microsoft Word and becoming familiar with online search engines including sending and receiving e-mails.

Class No	Component	Start/End Time	Days	Instructor	Room
12764	LEC	9:00 am - 10:05 am	TTh	Torres-Rezzio, A J	ON LINE

Academic Connections  
Computer Literacy

For more information, please contact Academic Connections:

Phone: 213-763-3754

Text: 213-293-9047

(Starts 06/12/2023, Ends 07/27/2023)

#### **AND**

12765	LAB	10:15 am - 12:35 pm	TTh	Torres-Rezzio, A J	ON LINE
-------	-----	---------------------	-----	--------------------	---------

Academic Connections  
Computer Literacy

For more information, please contact Academic Connections:

Phone: 213-763-3754

Text: 213-293-9047

(Starts 06/12/2023, Ends 07/27/2023)

14898	LEC	9:00 am - 10:40 am	F	Morales, L	D3-109N
-------	-----	--------------------	---	------------	---------

Instruction in Spanish  
(Starts 06/12/2023, Ends 08/20/2023)

#### **AND**

14899	LAB	11:00 am - 12:50 pm	F	Morales, L	C4-208
And	LAB	1:30 hrs/wk	TBA	Morales, L	C4-208

Instruction in Spanish  
(Starts 06/12/2023, Ends 08/20/2023)

13242	LEC	6:00 pm - 6:55 pm	TTh	Alonzo, V L	ON LINE
-------	-----	-------------------	-----	-------------	---------

Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted remotely and online.

For more information, contact us at 213-763-3762.

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

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

## AND

13243 LAB 7:00 pm - 9:00 pm TTh Alonzo, V L ON LINE  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted remotely and online.

For more information, contact us at 213-763-3762

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

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

13244 LEC 6:00 pm - 6:50 pm TTh Martinez, H ON LINE  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted remotely and online.

For more information, contact us at 213-763-3762.

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

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

## AND

13245 LAB 7:00 pm - 9:00 pm TTh Martinez, H ON LINE  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted remotely and online.

For more information, contact us at 213-763-3762.

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

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

## BSICKSL 065CE- Financial Literacy - Credit Basics (Repeatable) - 0 Unit

This course develops a foundation of credit management concepts to enable students to understand credit management, credit risk management, lending objectives, and how to measure credit risk. The course also describes the credit rating systems and discusses the impact of deferred and defaulted education loans on credit scores.

Class No	Component	Start/End Time	Days	Instructor	Room
13483	LEC	1:00 pm - 2:15 pm	TWTh	Abnoosian, M	F5-215

[Partnerships]  
Community Coalition

This class is open to all students. For more information, contact us at 213-763-3754.

(Starts 07/04/2023, Ends 07/06/2023)

## BSICKSL 066CE- Financial Literacy - Personal Money Management (Repeatable) - 0 Unit

This course develops a foundation of money management concepts to enable students to understand how to develop a financial plan to meet their educational goals using various strategies: FAFSA, BOGG, scholarships, social fund raising and banking products, such as checking and savings accounts.

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

# 2023 Summer SCHEDULE

# LA Trade-Technical College

13482 LEC 1:00 pm - 2:15 pm MTWTh Abnoosian, M F5-215  
[Partnerships]  
Community Coalition

This class is open to all students. For more information, contact us at 213-763-3754.  
(Starts 06/26/2023, Ends 06/29/2023)

## BSICKSL 073CE- Industry Overview And Career Opportunities (Repeatable) - 0 Unit Industry Overview And Career Opportunities

Class No	Component	Start/End Time	Days	Instructor	Room
12937	LEC	8:00 am - 11:00 am	MW	Blumenfeld, S	E2-104

(Starts 07/10/2023, Ends 07/26/2023)

13484 LEC 1:00 pm - 2:15 pm MTWTh Abnoosian, M D3-109N  
[Partnerships]  
Coalition Community

This class is open to all students. For more information, contact us 213-763-3754.  
(Starts 07/17/2023, Ends 07/20/2023)

## BSICKSL 075CE- Introduction To Post-Secondary Education (Repeatable) - 0 Unit Introduction To Post-Secondary Education

Class No	Component	Start/End Time	Days	Instructor	Room
13565	LEC	12:00 pm - 1:30 pm	MTWTh	Peoples, T E	ON LINE

[Partnerships]  
Early College Academy

Enrollment and participation only for Early College Academy students as a part of the CCAP-AB288 agreement.

This class section will meet in-person.

For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109 or contact us at 213-763-3754.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/24/2023, Ends 07/27/2023)

13566 LEC 1:40 pm - 3:20 pm MTWTh Peoples, T E ON LINE  
[Partnerships]  
Early College Academy

Enrollment and participation only for Early College Academy students as a part of the CCAP-AB288 agreement.

This class section will meet in-person.

For more information, please visit the Partnership Office in The Student Support Center (The Hub; Formerly Mariposa Hall) in Room D3-109 or contact us at 213-763-3754.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/24/2023, Ends 07/27/2023)

## Biology

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

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



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

Class No	Component	Start/End Time	Days	Instructor	Room
11584 (Starts 06/12/2023, Ends 07/16/2023)	LEC	10:40 am - 1:15 pm	MTWTh	Cazares, J L	B3-308
<b>AND</b>					
11585 (Starts 06/12/2023, Ends 07/16/2023)	LAB	8:00 am - 10:35 am	MTWTh	Cazares, J L	C4-468
15375 (Starts 07/17/2023, Ends 08/20/2023)	LEC	8:00 am - 10:25 am	MTWTh	Aniceto, E	C4-468
<b>AND</b>					
15376 (Starts 07/17/2023, Ends 08/20/2023)	LAB	10:35 am - 1:00 pm	MTWTh	Aniceto, E	C4-468

## Biotechnology

### BIOTECH 010- Introduction To Biomanufacturing I (CSU) - 4 Units

This course offers an introduction to the concepts and laboratory skills used in biomanufacturing. The process of biomanufacturing is explored. Students will investigate practices, facilities and techniques used by companies in producing biomanufactured products such as drugs.

Class No	Component	Start/End Time	Days	Instructor	Room
12877	LEC	8:30 am - 11:50 am	MW	Acosta, M	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

#### **AND**

12878	LAB	8:30 am - 11:50 am	TTh	Acosta, M	C4-424
-------	-----	--------------------	-----	-----------	--------

Some in person meetings are required as scheduled. The remaining activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Bldg Construction Techniques

### BLDGCTQ 102- O.S.H.A. Based Safety Standards: Construction & Industry - 2 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
10485	LEC	6:00 pm - 8:20 pm	MT	Wagenbach, A J	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

### 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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

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
14054	LAB	7:00 am - 12:15 pm	TWTh	Oliva, M	C2-109

In-person  
(Starts 06/12/2023, Ends 08/06/2023)

### 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
14671	LEC	9:00 am - 11:50 am	MTWTh	Wilson-Aus, A M	ON LINE

LATTC STEAM Academy

Enrollment and participation is open to all students.

This class will be conducted remotely and online.

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

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10843	LEC	12:45 pm - 3:25 pm	MTWTh	Gary, K L	C4-210
-------	-----	--------------------	-------	-----------	--------

(Starts 06/12/2023, Ends 07/16/2023)

11188	LEC	10:30 hrs/wk	TBA	Sonnier, G D	ON LINE
-------	-----	--------------	-----	--------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11285	LEC	10:30 hrs/wk	TBA	Mcintosh, A U	ON LINE
-------	-----	--------------	-----	---------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

##### Business Law I

Class	Component	Start/End Time	Days	Instructor	Room
-------	-----------	----------------	------	------------	------

## 2023 Summer SCHEDULE

## LA Trade-Technical College

No	Component	Start/End Time	Days	Instructor	Room
13276	LEC	9:00 am - 11:50 am	MTWTh	Sonnier, G D	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

10851	LEC	10:30 hrs/wk	TBA	Sonnier, G D	ON LINE
-------	-----	--------------	-----	--------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### **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
10854	LEC	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

#### **AND**

10855	LAB	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
-------	-----	-------------	-----	-----------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### **BUS 038- Business Computations (CSU) - 3 Units**

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

Class No	Component	Start/End Time	Days	Instructor	Room
14847	LEC	9:00 am - 11:50 am	MTWTh	Gary, K L	C4-210

(Starts 06/12/2023, Ends 07/16/2023)

## **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
14177	LEC	6:50 hrs/wk	TBA	Olguin, S	ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 07/17/2023, Ends 08/20/2023)

### **COUNSEL 020- Post-Secondary Education: The Scope Of Career Planning (UC/CSU) - 3 Units**

*Requirement Designation:* Meets CSU E

Introduces students to the role of higher education in society and to their role as students. Students explore personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer. This course will also provide students with an overview of campus resources and policies. A student educational plan (SEP) will be developed.

Class No	Component	Start/End Time	Days	Instructor	Room
10463	LEC	9:35 am - 12:00 pm	MTWTh	Barajas, B	ON LINE

This class is for EOPS students.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

Class No	Component	Start/End Time	Days	Instructor	Room
11508	LEC	10:15 am - 12:40 pm	MTWTh	Estrada, R	ON LINE

This section is restricted for students in the CAYFES/NEXT Up program. The purpose of NEXT UP is to support the higher education success, health and well-being of former foster youth who are enrolled in community college. For more information about NEXT Up, email Counselor Ms. Reasey Estrada at estradr3@lattc.edu.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## COUNSEL 020E- Post-Secondary Education: College Success (CSU) - 1 Unit

Introduces students to the role of higher education in society and to their role as students. Students explore personal attributes needed for college success, critical thinking and effective study strategies, relating to others in a diverse world, the career planning and decision making process, and transfer. This course will also provide students with an overview of campus resources and policies. A student educational plan (SEP) will be developed.

Class No	Component	Start/End Time	Days	Instructor	Room
14178	LEC	3:20 hrs/wk	TBA	Johnson, T N	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## 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
12115	LEC	2:00 pm - 5:10 pm	TTh	Alvarez, J L	E2-105

In-person.  
(Starts 06/12/2023, Ends 08/06/2023)

### 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	Component	Start/End Time	Days	Instructor	Room
----------	-----------	----------------	------	------------	------

## 2023 Summer SCHEDULE

## LA Trade-Technical College

10866 LEC 8:00 am - 11:20 am TTh Alvarez, J L E2-104  
In-person  
(Starts 06/12/2023, Ends 08/06/2023)

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

This is the second laboratory course in the Carpentry 111 sequence. This covers use and operation of hand tools, machine tools, and portable electric tools commonly used in the construction trades. Fundamentals of residential foundation and wall construction will be the focus of this course.

Class No	Component	Start/End Time	Days	Instructor	Room
12743	LAB	8:00 am - 12:35 pm	MWF	Olszewski, J R	E2-105

(Starts 06/12/2023, Ends 08/06/2023)

## Chemistry

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10864	LEC	8:00 am - 11:50 am	MTWTh	Babajide, R M	C4-321
<i>(Starts 06/12/2023, Ends 07/16/2023)</i>					
<b>AND</b>					
10865	LAB	12:00 pm - 2:50 pm	MTWTh	Babajide, R M	C4-464
<i>(Starts 06/12/2023, Ends 07/16/2023)</i>					
11598	LEC	8:00 am - 11:20 am	MTWTh	Shukla Deo, C	F5-107
<i>(Starts 07/17/2023, Ends 08/20/2023)</i>					
<b>AND</b>					
11599	LAB	11:35 am - 2:00 pm	MTWTh	Shukla Deo, C	C4-464
<i>(Starts 07/17/2023, Ends 08/20/2023)</i>					

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

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

**Enrollment Requirement:** Prerequisite: MATH 125

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

Class No	Component	Start/End Time	Days	Instructor	Room
10541	LEC	7:10 am - 10:00 am	MTWTh	Lee, H	C4-406
<i>(Starts 06/12/2023, Ends 07/16/2023)</i>					
<b>AND</b>					
10543	LAB	10:05 am - 3:55 pm	MTWTh	Lee, H	C4-466

# 2023 Summer SCHEDULE

# LA Trade-Technical College

(Starts 06/12/2023, Ends 07/16/2023)

11480 LEC 8:00 am - 10:25 am MTWTh Dhar, G C4-321  
(Starts 07/17/2023, Ends 08/20/2023)

**AND**

11481 LAB 10:40 am - 3:50 pm MTWTh Dhar, G C4-466  
(Starts 07/17/2023, Ends 08/20/2023)

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

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

**Enrollment Requirement:** Prerequisite: CHEM 101

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

Class No	Component	Start/End Time	Days	Instructor	Room
11260 (Starts 06/12/2023, Ends 07/16/2023)	LEC	1:00 pm - 3:50 pm	MTWTh	Harper Delupio, R V	C4-406
<b>AND</b>					
11261 (Starts 06/12/2023, Ends 07/16/2023)	LAB	4:00 pm - 9:50 pm	MTWTh	Harper Delupio, R V	C4-466
11084 (Starts 07/17/2023, Ends 08/20/2023)	LEC	2:00 pm - 4:25 pm	MTWTh	Acosta, M	C4-424
<b>AND</b>					
11085 (Starts 07/17/2023, Ends 08/20/2023)	LAB	4:35 pm - 9:45 pm	MTWTh	Acosta, M	C4-466

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

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

**Enrollment Requirement:** Prerequisite: CHEM 102

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
14221 (Starts 07/17/2023, Ends 08/20/2023)	LEC	2:00 pm - 4:25 pm	MTWTh	Diaz, M	C4-321
<b>AND</b>					
14222 (Starts 07/17/2023, Ends 08/20/2023)	LAB	4:35 pm - 9:45 pm	MTWTh	Diaz, M	C4-464

**CHEM 212- Organic Chemistry For Science Majors II (UC/CSU) - 5 Units***Requirement Designation:* Meets IGETC 5A 5C CSU B1 B3**Enrollment Requirement:** Prerequisite: CHEM 211

This course is a continuation of Chemistry 211 with emphasis on the remaining functional groups and aromaticity. Emphasis is put on reactions and reaction mechanisms, stereochemistry, multi-step synthesis of a variety of organic compounds such as aromatic compounds, alcohols, phenols, amines, heterocyclics, aldehydes, ketones, carboxylic acids and their derivatives. The structures, formation and reactions of enols 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
14194 (Starts 06/12/2023, Ends 07/16/2023)	LEC	1:00 pm - 3:50 pm	MTWTh	Truong, D C	C4-424
<b>AND</b>					
14195 (Starts 06/12/2023, Ends 07/16/2023)	LAB	4:00 pm - 9:50 pm	MTWTh	Floruti, A R	C4-464

**CHEM 285- Directed Study - Chemistry (CSU) - 2 Units**

Directed Study - Chemistry

Class No	Component	Start/End Time	Days	Instructor	Room
14750 (Starts 06/12/2023, Ends 08/06/2023)	LEC	3:00 pm - 5:10 pm	TTh	Clark, E J	F5-413

**Chicano Studies****CHICANO 007- The Mexican-American In The History Of The United States I (UC/CSU) - 3 Units***Requirement Designation:* Meets IGETC-4 CSU-D F**Enrollment Requirement:** Advisory: ENGLISH 101

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

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

14110 LEC 10:10 am - 1:00 pm MTWTh Agredano, F E F5-206  
(Starts 06/12/2023, Ends 07/16/2023)

12482 LEC 10:30 hrs/wk TBA Victoria, J ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14683 LEC 10:30 hrs/wk TBA Rovero, A ON LINE  
LATTC STEAM Academy

Enrollment and participation is open to all students.

This class will be conducted remotely and online.

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

No real-time meetings are required. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

15508 LEC 10:30 hrs/wk TBA Martinez, J A ON LINE  
[Partnerships Section]  
STEAM

Enrollment and participation is open to all students.

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

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

No real-time meetings are required. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

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

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

**Enrollment Requirement:** Advisory: ENGLISH 101

Concentrates on Mexican American history of the nineteenth and twentieth centuries. Discussion centers on the participation, contributions, and experiences by Mexican Americans. Major areas include the socio-historical, 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
14313	LEC	10:00 am - 12:25 pm	MTWTh	Agredano, F E	F5-206

(Starts 07/17/2023, Ends 08/20/2023)



## 2023 Summer SCHEDULE

## LA Trade-Technical College

12483    LEC                    10:30 hrs/wk                    TBA                    Victoria, J                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

15869    LEC                    10:30 hrs/wk                    TBA                    STAFF, L                    ON LINE  
(Starts 07/17/2023, Ends 08/20/2023)

### Child Development

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

*Requirement Designation: Meets IGETC 4I CSU D9 E*

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

Class No	Component	Start/End Time	Days	Instructor	Room
13130	LEC	9:00 am - 11:50 am	MTWTh	Velasco, P	ON LINE

LATTC STEAM Academy

Enrollment and participation is open to all students.

This class will be conducted remotely and online.

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

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

10396    LEC                    10:30 hrs/wk                    TBA                    Maina, R G                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11434	LEC	7:00 am - 9:30 am	MTWTh	Patron, A	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

Students learn about the laws, regulations, standards, policies and procedures and early childhood curriculum

## 2023 Summer SCHEDULE

## LA Trade-Technical College

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
14149	LEC	10:30 hrs/wk	TBA	Patron, A	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
14148	LEC	9:45 am - 12:35 pm	MTWTh	Vega, C	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### Communication Studies

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

*Requirement Designation: Meets IGETC 1C CSU A1*

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

Class No	Component	Start/End Time	Days	Instructor	Room
13132	LEC	9:00 am - 11:50 am	MTWTh	Lopez, R	F5-406

[Partnerships]  
LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

10523	LEC	10:00 am - 12:50 pm	MTWTh	Glavan, J J	ON LINE
-------	-----	---------------------	-------	-------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14093	LEC	1:30 pm - 3:55 pm	MTWTh	Lopez, R	F5-206
-------	-----	-------------------	-------	----------	--------

(Starts 07/17/2023, Ends 08/20/2023)

## 2023 Summer SCHEDULE

## LA Trade-Technical College

10528 LEC 6:00 pm - 8:35 pm MTWTh Mock, J C ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10918 LEC 6:00 pm - 8:25 pm MTWTh Mock, J C ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

10515 LEC 10:30 hrs/wk TBA McDermott, D A ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

10518 LEC 10:30 hrs/wk TBA McDermott, D A ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

10520 LEC 10:30 hrs/wk TBA Glavan, J J ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

15893 LEC 10:30 hrs/wk TBA Glavan, J J ON LINE

(Starts 07/17/2023, Ends 08/20/2023)

### Community Plan/Economic Dev

#### COMPLAN 002- Introduction To Community Organizing (CSU) - 3 Units

The course teaches students the skills, knowledge and history of community organizing from a community development perspective. Topics covered include tactics and approaches to organizing, current strategies to build campaigns and engage people in efforts to improve the conditions of low-income communities. Students will analyze the current context for organizing, the impact of social change theories, organizing strategies, tools and new methodologies used in community organizing.

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

14690 LEC 9:00 am - 5:50 pm Sa Torres, B F5-413

(Starts 07/15/2023, Ends 08/27/2023)

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

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

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

15532 LEC 10:00 am - 12:35 pm MTW Torres, E F5-310

(Starts 06/26/2023, Ends 08/08/2023)

### Computer Apps Office Tech

**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.

Class No	Component	Start/End Time	Days	Instructor	Room
10901	LEC	6:50 hrs/wk	TBA	Bailey, P	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10902	LAB	10:30 hrs/wk	TBA	Bailey, P	ON LINE
-------	-----	--------------	-----	-----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**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
12508	LEC	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE

This class section will meet 100% online with no mandatory meeting.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

12509	LAB	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
-------	-----	-------------	-----	-----------	---------

This class section will meet 100% online with no mandatory meeting.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**Computer Science**

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

Programming in C++

Class No	Component	Start/End Time	Days	Instructor	Room
11910	LEC	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

11911	LAB	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
-------	-----	-------------	-----	-----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**Coop Ed**

**COOP ED 195- Work Experience - General I (CSU) (RPT 15) - 1 Unit**

# 2023 Summer SCHEDULE

# LA Trade-Technical College

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

Work Experience - General I

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

13133	LEC	1:30 hrs/wk	TBA	Dam, M C	ON LINE
-------	-----	-------------	-----	----------	---------

[Partnerships]

LA Promise Fund

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 06/12/2023, Ends 08/20/2023)

13134	LEC	1:30 hrs/wk	TBA	Dam, M C	ON LINE
-------	-----	-------------	-----	----------	---------

[Partnerships]

LA Promise Fund

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

(Starts 06/12/2023, Ends 08/20/2023)

13135	LEC	1:30 hrs/wk	TBA	Dam, M C	ON LINE
-------	-----	-------------	-----	----------	---------

[Partnerships]

LA Promise Fund

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 06/12/2023, Ends 08/20/2023)

## 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 program.

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

13136	LEC	9:00 am - 11:50 am	MTWTh	Bernal McMihelk, C	B2-138
-------	-----	--------------------	-------	--------------------	--------

LATTC STEAM Academy

Enrollment and participation is open to all students.

This class section will meet in-person at LATTC.

For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

15436	LEC	9:00 am - 11:50 am	MTWTh	Duarte de Gonzalez, M	B3 305
-------	-----	--------------------	-------	-----------------------	--------

LATTC STEAM Academy

Enrollment and participation is open to all students.

This class section will meet in-person at LATTC.

# 2023 Summer SCHEDULE

# LA Trade-Technical College

For more information, contact us at 213-763-3754.  
(Starts 06/20/2023, Ends 07/21/2023)

11567 LEC 10:00 am - 12:35 pm MTWTh Amey, T D B2-237  
(Starts 06/12/2023, Ends 07/16/2023)

## 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.

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

10867	LEC	7:30 am - 8:45 am	MTWTh	Le, J M	B2-247
-------	-----	-------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10868	LAB	8:55 am - 1:10 pm	MTWTh	Le, J M	B2-247
-------	-----	-------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

10135	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	B2-247
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10145	LAB	5:25 pm - 9:30 pm	MTWTh	Young, C P	B2-247
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

## 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.

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

10869	LEC	7:30 am - 8:45 am	MTWTh	Le, J M	B2-247
-------	-----	-------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10870	LAB	8:55 am - 1:10 pm	MTWTh	Le, J M	B2-247
-------	-----	-------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

10197	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	B2-247
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10204	LAB	5:25 pm - 9:30 pm	MTWTh	Young, C P	B2-247
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

## 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
----------	-----------	----------------	------	------------	------

14586	LEC	7:30 am - 8:45 am	MTWTh	Myers, A M	B2-238
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

14587	LAB	8:55 am - 1:10 pm	MTWTh	Myers, A M	B2-238
-------	-----	-------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

10871 LEC 4:00 pm - 5:15 pm MTWTh Young, C P B2-247  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10872 LAB 5:25 pm - 9:30 pm MTWTh Young, C P B2-247  
(Starts 06/12/2023, Ends 07/16/2023)

## **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
----------	-----------	----------------	------	------------	------

14588 LEC 7:30 am - 8:45 am MTWTh STAFF, L B2-238  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

14589 LAB 8:55 am - 1:10 pm MTWTh Myers, A M B2-238  
(Starts 06/12/2023, Ends 07/16/2023)

10296 LEC 4:00 pm - 5:15 pm MTWTh Young, C P B2-247  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10300 LAB 5:25 pm - 9:30 pm MTWTh Young, C P B2-247  
(Starts 06/12/2023, Ends 07/16/2023)

## **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
----------	-----------	----------------	------	------------	------

12686 LEC 7:30 am - 9:05 am MTWTh Nunley, R M B2-128  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

12687 LAB 9:15 am - 12:20 pm MTWTh Nunley, R M B2-128  
(Starts 06/12/2023, Ends 07/16/2023)

## **CSMTLGY 221- Advanced Makeup Techniques (NDA) - 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
----------	-----------	----------------	------	------------	------

12684 LEC 7:30 am - 9:05 am MTWTh Ley, L G B2-233  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

12685 LAB 9:15 am - 12:20 pm MTWTh Ley, L G B2-233  
(Starts 06/12/2023, Ends 07/16/2023)

## **Culinary Arts**

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

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

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

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

10062 LEC 7:30 am - 9:20 am MTWTh Spence, R T E3-207  
(Starts 06/12/2023, Ends 07/16/2023)

**AND**

10065 LAB 9:30 am - 3:20 pm MTWTh Spence, R T E3-210  
(Starts 06/12/2023, Ends 07/16/2023)

### 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
10078	LEC	6:50 hrs/wk	TBA	Garnica Diaz, E	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### CLN ART 132- Culinary Arts - Entremetier Saucier (CSU) - 6 Units

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
12340	LEC	7:30 am - 9:35 am	MTWTh	Robles, L F	E3-201

(Starts 06/12/2023, Ends 08/06/2023)

**AND**

12341 LAB 9:45 am - 1:45 pm MTWTh Robles, L F E3-110  
(Starts 06/12/2023, Ends 08/06/2023)

### 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
11362	LEC	6:50 hrs/wk	TBA	Lachica, G V	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### 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

10029	LEC	7:00 am - 9:50 am	MTWTh	Guerra, C	B1-118
-------	-----	-------------------	-------	-----------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

## AND

10873	LAB	10:00 am - 12:50 pm	MTWTh	Guerra, C	B1-100
-------	-----	---------------------	-------	-----------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/16/2023)

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

### RAIL SYSTEMS OVERVIEW, SAFETY AND TOOLS

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

12470	LEC	7:00 am - 8:25 am	MTWTh	Ramirez, J R	B1-211
-------	-----	-------------------	-------	--------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/28/2023)

## AND

12471	LAB	8:35 am - 1:50 pm	MTWTh	Ramirez, J R	B1-211
-------	-----	-------------------	-------	--------------	--------

\*\*\*This class will meet in-person at LATTTC. See schedule of classes for classroom/lab details.\*\*\*

(Starts 06/12/2023, Ends 07/28/2023)

## 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
11897	LEC	6:50 hrs/wk	TBA	Rochford, M M	ON LINE

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

(Starts 06/12/2023, Ends 07/16/2023)

## AND

11898	LAB	6:50 hrs/wk	TBA	Rochford, M M	ON LINE
-------	-----	-------------	-----	---------------	---------

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

(Starts 06/12/2023, Ends 07/16/2023)

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

**Enrollment Requirement:** Prerequisite: DIGLMD 153

Advisory: VISCOM 103

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

Class No	Component	Start/End Time	Days	Instructor	Room
14399	LEC	8:00 am - 9:50 am	MTWTh	Guebely, G	D4-200

(Starts 06/12/2023, Ends 07/16/2023)

## AND

14400	LAB	10:00 am - 11:50 am	MTWTh	Guebely, G	D4-200
-------	-----	---------------------	-------	------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

### 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
13137	LEC	8:00 am - 9:50 am	MTWTh	Vulovich, N	D4-302

LATTC STEAM Academy

Enrollment and participation is open to all students. This class section will meet in-person.

For more information, contact us at 213-763-3754.  
(Starts 06/19/2023, Ends 07/23/2023)

**AND**

13138	LAB	10:00 am - 11:50 am	MTWTh	Vulovich, N	D4-302
-------	-----	---------------------	-------	-------------	--------

LATTC STEAM Academy

Enrollment and participation is open to all students. This class section will meet in-person.

For more information, contact us at 213-763-3754.  
(Starts 06/19/2023, Ends 07/23/2023)

## 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
11968	LEC	6:00 pm - 9:20 pm	WTh	Elarton-Selig, W D	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11443	LEC	6:00 pm - 8:10 pm	TW	ladevaia, R E	ON LINE
-------	-----	-------------------	----	---------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

### 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
10006	LEC	6:00 pm - 9:10 pm	MW	Jackson, R E	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

10011	LEC	6:00 pm - 9:10 pm	TTh	Jackson, R E	ON LINE
-------	-----	-------------------	-----	--------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

**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
12771 (Starts 06/12/2023, Ends 08/06/2023)	LAB	7:00 am - 10:20 am	MTWTh	Lester, J B	E2-301
11978 (Starts 06/12/2023, Ends 08/06/2023)	LAB	6:00 pm - 9:15 pm	MTWTh	Ramirez, E D	E2-301
12770 (Starts 06/12/2023, Ends 08/06/2023)	LAB	6:00 pm - 9:20 pm	MTWTh	Kallo, J S	E2-353

**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
11466  Real-time meetings are required as scheduled. All activities are online. (Starts 06/12/2023, Ends 08/06/2023)	LEC	7:00 am - 10:10 am	MW	Goluza, B	ON LINE
10016  Real-time meetings are required as scheduled. All activities are online. (Starts 06/12/2023, Ends 08/06/2023)	LEC	6:00 pm - 9:10 pm	TTh	Goluza, B	ON LINE

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11971  Real-time meetings are required as scheduled. All activities are online. (Starts 06/12/2023, Ends 08/06/2023)	LEC	7:00 am - 10:20 am	MT	Maroufkhani, F F	ON LINE
11970  Real-time meetings are required as scheduled. All activities are online. (Starts 06/12/2023, Ends 08/06/2023)	LEC	6:00 pm - 9:10 pm	ThF	Maroufkhani, F F	ON LINE

**ECONMT 130- Principles Of Industrial Electric Power - 3 Units**

This course offers a study in operating principles and maintenance procedures and code requirements for electrical power systems. Theory of D.C. and A.C. generators and motors, load calculations, efficiency and power factor correction are also covered.

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

# 2023 Summer SCHEDULE

# LA Trade-Technical College

11979    LEC                    6:00 pm - 9:10 pm                    WF                    Pelayo, H                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## ECONMT 164- Sustainable Lighting Principles & Practices (CSU) - 3 Units

This course offers study in the design of residential and commercial lighting systems. Included, are both indoor and outdoor lighting applications, emphasizing sustainable lighting design and energy saving strategies.

Class No	Component	Start/End Time	Days	Instructor	Room
12538	LAB	7:00 am - 11:35 am	MTW	Robinson, D S	E2-351

(Starts 06/12/2023, Ends 08/06/2023)

## Electronics

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

Introduction To Electronics

Class No	Component	Start/End Time	Days	Instructor	Room
11163	LEC	8:00 am - 11:20 am	MTW	Botterud, S J	B1-228
***This class will meet in-person at LATTTC*** (Starts 06/12/2023, Ends 07/16/2023)					
11494	LEC	6:00 pm - 9:20 pm	MTW	Zhang, M	B1-224
***This class will meet in-person at LATTTC*** (Starts 06/12/2023, Ends 07/16/2023)					

## 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
14675	LAB	5:00 pm - 9:30 pm	TTh	Arteaga, A S	B1-209

You must be a registered apprentice to enroll in this section.  
(Starts 06/12/2023, Ends 08/06/2023)

### 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
----------	-----------	----------------	------	------------	------

14677 LAB 5:00 pm - 10:50 pm MT B1-208  
 You must be a registered apprentice to enroll in this section.  
 35 of 35 Apprenticeship Program  
 (Starts 06/19/2023, Ends 08/06/2023)

## OPMA AP 770- Building Owners and Managers Association (BOMA)-Test Preparation - 2 Units

Building Owners and Managers Association (BOMA) certification demonstrates the abilities of highly skilled stationary engineers and building operators. To become a Certified Engineer. This course is designed to prepare a student to successfully pass the 5 part BOMA exam.

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

14676	LAB	8:00 am - 4:50 pm	Sa	Needham, M R	E2-203
-------	-----	-------------------	----	--------------	--------

You must be a registered apprentice to enroll in this section.  
 35 of 35 Apprenticeship Program  
 (Starts 06/12/2023, Ends 08/06/2023)

## Engineering Graphics & Design

### EGD TEK 101- Engineering Graphics (UC/CSU) - 3 Units

This introductory course covers the fundamentals of traditional drafting, descriptive geometry, orthographic projection, graphical communication of technical engineering information and Computer-Aided Drafting (CAD). Topics include freehand drawing, lettering, and theory of orthographic and multi-view projections as well as Coordinate dimensioning and geometric dimensioning and tolerancing (GD&T). An introduction to 2-D CAD software package is presented and instruction includes fundamental tools to be able to create and edit basic drawings by learning and understanding the User Interface of the software. Essential skills developed include creating templates, title blocks, layers, drawing basic geometric objects, using parametric tools, and dimensioning.

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

10977	LEC	9:00 am - 10:35 am	MTWTh	Navarro, A	ON LINE
-------	-----	--------------------	-------	------------	---------

Real-time meetings are required as scheduled. All activities are online.  
 (Starts 06/12/2023, Ends 07/16/2023)

### AND

10978	LAB	10:45 am - 12:20 pm	MTWTh	Navarro, A	ON LINE
-------	-----	---------------------	-------	------------	---------

Real-time meetings are required as scheduled. All activities are online.  
 (Starts 06/12/2023, Ends 07/16/2023)

## Engineering, General

### ENG GEN 122- Programming And Problem-Solving In Matlab (UC/CSU) - 3 Units

**Enrollment Requirement:** Prerequisite: MATH 265

This course utilizes the MATLAB environment to provide students with a working knowledge of computer-based problem-solving methods relevant to science and engineering. It introduces the fundamentals of procedural and object-oriented programming, numerical analysis, and data structures. Examples and assignments in the course are drawn from practical applications in engineering, physics, and mathematics.

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

11931 LEC 1:00 pm - 2:35 pm MTWTh Navarro, A ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### AND

11985 LAB 2:40 pm - 5:10 pm MTWTh Navarro, A ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## ENG GEN 231- Dynamics (UC/CSU) - 3 Units

**Enrollment Requirement:** Prerequisite: ENG GEN 131

This course covers fundamentals of kinematics and kinetics of particles and rigid bodies. Topics include kinematics of particle motion, Newton's second law, work-energy and momentum methods, kinematics of planar and three-dimensional motions of rigid bodies, work-energy and momentum principles for rigid body motion, and an introduction to mechanical vibrations.

Class No	Component	Start/End Time	Days	Instructor	Room
14151	LEC	10:00 am - 11:30 am	MTWTh	Navarro, A	C4-420

(Starts 07/17/2023, Ends 08/20/2023)

### AND

14152	LAB	12:00 pm - 2:25 pm	MTWTh	Navarro, A	C4-420
-------	-----	--------------------	-------	------------	--------

(Starts 07/17/2023, Ends 08/20/2023)

## English

### ENGLISH 101- College Reading And Composition I (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 1A CSU A2*

This is a college-level freshman composition course, which focuses on expository writing and argumentation and requires the writing of a minimum of 6000 words in essays and a research paper. Students study a variety of texts written at the college level, including literature, that reflect current academic concerns relating to issues of language, ethnicity, class, gender, identity, psychology, and cultural studies. The course is intended for students who plan to transfer to a four-year college or university.

Class No	Component	Start/End Time	Days	Instructor	Room
13750	LEC	8:35 am - 10:50 am	MW	Mancia, R A	F5-221
And	LEC	6:30 hrs/wk	TBA	Mancia, R A	ON LINE

Some in person meetings are required as scheduled. The remaining activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14691	LEC	8:35 am - 10:40 am	TWTh	O Kane, J R	F5-212
-------	-----	--------------------	------	-------------	--------

(Starts 06/12/2023, Ends 08/06/2023)

10670	LEC	10:30 hrs/wk	TBA	Sowter, S V	ON LINE
-------	-----	--------------	-----	-------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10673	LEC	10:30 hrs/wk	TBA	Sowter, S V	ON LINE
-------	-----	--------------	-----	-------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## 2023 Summer SCHEDULE

## LA Trade-Technical College

11586	LEC	10:30 hrs/wk	TBA	Blake, G B	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

12735	LEC	10:30 hrs/wk	TBA	Cruz, C A	ON LINE
-------	-----	--------------	-----	-----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10678	LEC	10:30 hrs/wk	TBA	Mancia, R A	ON LINE
-------	-----	--------------	-----	-------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11587	LEC	10:30 hrs/wk	TBA	Shakir, R N	ON LINE
-------	-----	--------------	-----	-------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11092	LEC	10:30 hrs/wk	TBA	Viliesid, C N	ON LINE
-------	-----	--------------	-----	---------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11694	LEC	10:30 hrs/wk	TBA	Dolan, T M	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation: Meets IGETC 1A CSU A2*

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	Component	Start/End Time	Days	Instructor	Room
13732	LEC	12:00 pm - 2:10 pm	MTW	Cruz, C A	ON LINE
And	LEC	4:10 hrs/wk	TBA	Cruz, C A	ON LINE
THIS CLASS WILL BE TAUGHT VIA ZOOM					

This class will be offered in an online blended format, which requires students to be online and interacting with their instructor during the times shown and to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 06/12/2023, Ends 07/16/2023)

#### AND

13733	LAB	3:20 hrs/wk	TBA	Cruz, C A	ON LINE
-------	-----	-------------	-----	-----------	---------

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 06/12/2023, Ends 07/16/2023)

13735	LEC	4:00 pm - 7:00 pm	TTh	Dolan, T M	ON LINE
And	LEC	4:30 hrs/wk	TBA	Dolan, T M	ON LINE

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 07/17/2023, Ends 08/20/2023)

#### AND

## 2023 Summer SCHEDULE

## LA Trade-Technical College

13736	LAB	3:20 hrs/wk	TBA	Dolan, T M	ON LINE
-------	-----	-------------	-----	------------	---------

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 07/17/2023, Ends 08/20/2023)

14692	LEC	11:45 am - 2:35 pm	TTh	Moreno, L M	F5-215
And	LEC	4:30 hrs/wk	TBA	Moreno, L M	ON LINE

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

(Starts 07/17/2023, Ends 08/20/2023)

### AND

14693	LAB	3:20 hrs/wk	TBA	Moreno, L M	ON LINE
-------	-----	-------------	-----	-------------	---------

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

(Starts 07/17/2023, Ends 08/20/2023)

15879	LEC	10:30 hrs/wk	TBA	Moreno, L M	ON LINE
-------	-----	--------------	-----	-------------	---------

(Starts 07/17/2023, Ends 08/20/2023)

### AND

15880	LAB	3:20 hrs/wk	TBA	Moreno, L M	ON LINE
-------	-----	-------------	-----	-------------	---------

(Starts 07/17/2023, Ends 08/20/2023)

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

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

**Enrollment Requirement:** Prerequisite: English 101

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

Class No	Component	Start/End Time	Days	Instructor	Room
13805	LEC	10:30 hrs/wk	TBA	Moreno, L M	ON LINE

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

(Starts 06/12/2023, Ends 07/16/2023)

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

*Requirement Designation:* Meets IGETC 1B CSU A3

**Enrollment Requirement:** Prerequisite: English 101

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

Class No	Component	Start/End Time	Days	Instructor	Room
15184	LEC	8:35 am - 10:50 am	MW	Saucedo, R M	F5-221
And	LEC	5:40 hrs/wk	TBA	Saucedo, R M	ON LINE

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

(Starts 07/17/2023, Ends 08/20/2023)

10919	LEC	10:30 hrs/wk	TBA	Blake, G B	ON LINE
-------	-----	--------------	-----	------------	---------

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

(Starts 06/12/2023, Ends 07/16/2023)



# 2023 Summer SCHEDULE

# LA Trade-Technical College

11603    LEC                    10:30 hrs/wk                    TBA                    Shakir, R N                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## English Second Language - NC

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

English As A Second Language - 0

Class No	Component	Start/End Time	Days	Instructor	Room
14126	LEC	8:30 am - 11:20 am	MTWTh	Kouznetsova, O P	F5-201

(Starts 06/12/2023, Ends 07/16/2023)

11176    LEC                    6:00 pm - 9:10 pm                    MW                    Servin, M                    F5-212  
This class used to be under Academic Connections. The class is now under Workforce Connections.  
Level 1 - Beginning Low

This class is for students who wish to develop their English Language skills.  
For more information, please contact Academic Connections:  
Phone: 213-763-3754  
Text: 213-293-9047  
(Starts 06/12/2023, Ends 08/20/2023)

11660    LEC                    6:00 pm - 9:45 pm                    MW                    Sell, N                    ON LINE  
Workforce Connections  
Level 1 - Beginning Low

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

Real-time meetings are required as scheduled. All activities are online.  
This class used to be under Academic Connections. The class is now under Workforce Connections.  
(Starts 06/12/2023, Ends 08/13/2023)

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

English As A Second Language - I

Class No	Component	Start/End Time	Days	Instructor	Room
11177	LEC	8:30 am - 11:20 am	MTWTh	Shabazz, S S	F5-213

This class used to be under Academic Connections. The class is now under Workforce Connections.  
(Starts 06/12/2023, Ends 07/16/2023)

14128    LEC                    6:00 pm - 9:10 pm                    MW                    Kata, F                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/14/2023)

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

English As A Second Language - II

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

14915 LEC 8:00 am - 11:15 am MTWTh Gides, J C ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

13235 LEC 6:00 pm - 9:10 pm MW Meiojas, G ON LINE  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students. This class will be conducted remotely and online.

For more information, contact us at 213-763-3762.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 08/20/2023)

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

#### English As A Second Language - III

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

15109 LEC 8:30 am - 11:20 am MTWTh Le Veque, V F ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/23/2023)

14838 LEC 6:00 pm - 9:30 pm MW Kouznetsova, O P ON LINE  
This class used to be under Academic Connections. The class is now under Workforce Connections.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 08/20/2023)

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

#### Beginning Conversation

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

14202 LEC 8:30 am - 11:30 am MW Bhandari, R ON LINE

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

15164 LEC 8:30 am - 11:30 am TTh Bhandari, R ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/23/2023)

15039 LEC 12:00 pm - 2:30 pm MTWTh Shabazz, S S D3-109N  
(Starts 06/12/2023, Ends 07/16/2023)

14203 LEC 6:00 pm - 8:25 pm TTh Alaimalo, A F5-206

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

#### Intermediate Conversation

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

14860 LEC 8:30 am - 11:50 am TTh Croteau, R F5-210  
(Starts 06/12/2023, Ends 08/23/2023)

14776 LEC 12:00 pm - 2:50 pm MW Saperston, L M ON LINE  
And LEC 1:15 hrs/wk TBA Saperston, L M ON LINE  
This class used to be under Academic Connections. The class is now under Workforce Connections.

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 06/12/2023, Ends 08/20/2023)

14777 LEC 6:00 pm - 9:10 pm TTh Meiojas, G ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 08/20/2023)

### Environmental Science

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

*Requirement Designation: Meets IGETC 5A CSU B1*

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

Class No	Component	Start/End Time	Days	Instructor	Room
10900	LEC	10:00 am - 12:50 pm	MTWTh	Briones Ortega, R	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10920 LEC 10:00 am - 12:50 pm MTWTh Briones Ortega, R ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

### 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	Component	Start/End Time	Days	Instructor	Room
10973	LAB	7:00 am - 12:00 pm	MTW	Alcala, C	D4-230

(Starts 06/12/2023, Ends 07/16/2023)

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

13111    LEC                    5:10 hrs/wk                    TBA                    Siccardi, M                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
12512	LEC	9:30 am - 11:00 am	TWTh	Siccardi, M	D4-236

(Starts 07/17/2023, Ends 08/20/2023)

### 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
10063	LAB	7:00 am - 12:15 pm	MTW	Jackson, T R	D4-331

(Starts 06/12/2023, Ends 07/16/2023)

### 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
11437	LAB	21:20 hrs/wk	TBA	Conte, R S	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### FASHDSN 264- Apparel Computer Systems Analysis (CSU) - 1 Unit

This course demonstrates how the apparel industry uses commercial and industry specific technology in the global market. Topics covered are apparel and commercial software and hardware used in the manufacturing process.

Class No	Component	Start/End Time	Days	Instructor	Room
12511	LAB	8:00 am - 11:20 am	MTW	Chao, K L	D4-133

(Starts 07/17/2023, Ends 08/20/2023)

## Fashion Merchandising

### FASHMER 001- Entrepreneurial Fashion (CSU) - 3 Units

## 2023 Summer SCHEDULE

## LA Trade-Technical College

This course delivers the information needed to develop an effective business plan and provides a background in entrepreneurship for apparel related businesses. Students will examine the development of a fashion retail business from concept evaluation to strategy articulation. Procedures and resources for researching and opening a business are covered, as well as assortment planning, pricing and financing.

Class No	Component	Start/End Time	Days	Instructor	Room
14157	LEC	5:20 hrs/wk	TBA	Dwyer, N	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

### AND

14158	LAB	3:10 hrs/wk	TBA	Dwyer, N	ON LINE
-------	-----	-------------	-----	----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Geography

### GEOG 002- Cultural Elements Of Geography (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4E CSU D5*

Explore the geographic character of human societies and the challenges and opportunities of living in an increasingly globalized world. Discover the origins, diffusion, and distributions of cultural traditions and popular culture, population and migration, languages, religions, ethnic identity, political structures and nationalism, agriculture and food, economic systems, urbanization, and landscape modification.

Class No	Component	Start/End Time	Days	Instructor	Room
11531	LEC	10:30 hrs/wk	TBA	Simonyan, K	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## Geology

### GEOLOGY 001- Physical Geology (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 5A CSU B1*

Physical Geology

Class No	Component	Start/End Time	Days	Instructor	Room
11269	LEC	3:00 pm - 5:50 pm	MTWTh	Rojas Salazar, E C	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### GEOLOGY 006- Physical Geology Laboratory (UC/CSU) - 1 Unit

*Requirement Designation: Meets IGETC 5C CSU B3*

**Enrollment Requirement:** Prerequisite or Corequisite: GEOLOGY 001

Physical Geology Laboratory

Class No	Component	Start/End Time	Days	Instructor	Room
11596	LEC	6:00 pm - 6:50 pm	MTWTh	Rojas Salazar, E C	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### AND

# 2023 Summer SCHEDULE

# LA Trade-Technical College

11597      LAB                      7:00 pm - 8:50 pm                      MTWTh                      Rojas Salazar, E C                      ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## Health

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

*Requirement Designation:              Meets CSU E*

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

Class No	Component	Start/End Time	Days	Instructor	Room
13142	LEC	1:00 pm - 3:50 pm	MTWTh	King, G R	ON LINE

LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

### HEALTH 046- Basic Life Support CPR/AED for the Healthcare Provider (CSU) - 1 Unit

This course covers the content of the American Heart Association Basic Life Support (BLS) CPR/AED for the Healthcare Provider. It covers care of the adult, child, and infant

Class No	Component	Start/End Time	Days	Instructor	Room
13143	LEC	8:30 am - 11:50 am	F	Delzeit-McIntyre, L D	B1-216

LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

(Starts 06/12/2023, Ends 07/16/2023)

## Health Occupations

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
15485	LEC	6:50 hrs/wk	TBA	Rezaee Baroon, M	ON LINE

[Partnerships]  
LATTC STEAM Academy

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online. For more information, contact us at (213) 763-3966.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### HLTHOCC 064- Cultural And Legal Topics For Health Care Professionals (CSU) - 1 Unit

# 2023 Summer SCHEDULE

# LA Trade-Technical College

This course provides an overview of the concepts of health and illness, cultural diversity and legal issues that affect the health care professional.

Class No	Component	Start/End Time	Days	Instructor	Room
15486	LEC	3:20 hrs/wk	TBA	Rezaee Baroon, M	ON LINE

[Partnerships]  
LATTTC STEAM Academy

Enrollment and participation are open to all students.

This class does not meet in real-time. All activities and work are completed online. For more information, contact us at (213) 763-3966.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## History

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

*Requirement Designation: Meets IGETC 4F CSU D6 US-1*

**Enrollment Requirement:** Advisory: ENGLISH 101

Political and Social History of the United States to 1877

Class No	Component	Start/End Time	Days	Instructor	Room
14293	LEC	10:10 am - 1:00 pm	MTWTh	Gomez, G	F5-313

(Starts 06/12/2023, Ends 07/16/2023)

11619 LEC 12:30 pm - 2:55 pm MTWTh Rodriguez Estrada, A I ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11530 LEC 3:10 pm - 5:40 pm MTWTh Rodriguez Estrada, A I ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

15870 LEC 10:30 hrs/wk TBA STAFF, L ON LINE  
(Starts 07/17/2023, Ends 08/20/2023)

10651 LEC 10:30 hrs/wk TBA Bird, B L ON LINE

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

This class is quality reviewed and approved by the California Virtual College-Open Education Initiative. It incorporates best practices in on-line course design, interaction and accessibility to support student success.  
(Starts 07/17/2023, Ends 08/20/2023)

11159 LEC 10:30 hrs/wk TBA Martinez, M E ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## 2023 Summer SCHEDULE

## LA Trade-Technical College

15615    LEC                    10:30 hrs/wk                    TBA                    Gutierrez, E O                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/19/2023, Ends 07/23/2023)

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

*Requirement Designation:*        *Meets IGETC 4F CSU D6 US-1*

**Enrollment Requirement:**    Advisory: ENGLISH 101

Political and Social History of the United States from 1865

Class No	Component	Start/End Time	Days	Instructor	Room
15601	LEC	1:00 pm - 3:50 pm	MTWTh	Melo, F A	OFF CAMP

[PARNTERSHP]  
USC Upward Bound  
3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation are open to all students.

This class section will meet in-person at USC University Park campus

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/12/2023, Ends 07/16/2023)

15871    LEC                    10:30 hrs/wk                    TBA                    STAFF, L                    ON LINE  
(Starts 07/17/2023, Ends 08/20/2023)

11035    LEC                    10:30 hrs/wk                    TBA                    Bird, B L                    ON LINE

Note: Zero Cost Textbook

This class is quality reviewed and approved by the California Virtual College-Open Education Initiative. It incorporates best practices in on-line course design, interaction and accessibility to support student success.

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11538    LEC                    10:30 hrs/wk                    TBA                    Martinez, M E                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## **Humanities**

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

*Requirement Designation:*        *Meets IGETC 3B CSU C2*

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

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



## 2023 Summer SCHEDULE

## LA Trade-Technical College

10141	LEC	7:00 am - 9:30 am	MTWTh	Abdul-Mu'min, J	ON LINE
-------	-----	-------------------	-------	-----------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10149	LEC	10:30 hrs/wk	TBA	Armstrong, A E	ON LINE
-------	-----	--------------	-----	----------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14096	LEC	10:30 hrs/wk	TBA	Tropf, R K	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

### Kinesiology

#### KIN 289-1- Soccer Skills I (CSU) - 1 Unit

Students learn introductory skills and knowledge necessary to play soccer.

Class No	Component	Start/End Time	Days	Instructor	Room
14120	LAB	1:15 pm - 3:40 pm	MTWTh	Venger, G S	T-SOCRFLD

The first day of class: Class will meet at the west end of the Soccer Field.  
(Starts 07/17/2023, Ends 08/20/2023)

#### KIN 289-2- Soccer Skills II (CSU) - 1 Unit

Students learn beginning skills and knowledge necessary to play soccer. This course builds upon KIN 289-1.

Class No	Component	Start/End Time	Days	Instructor	Room
14380	LAB	1:15 pm - 3:40 pm	MTWTh	Venger, G S	T-SOCRFLD

Class will meet at the southwest end of the Soccer field.  
(Starts 07/17/2023, Ends 08/20/2023)

#### KIN 300-1- Swimming Non-Swimmer I (UC/CSU) - 1 Unit

*Requirement Designation: Meets CSU E*

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn introductory aquatic skills, water safety, basic aquatic activities and develop confidence in water. This course is designed for students to learn how to swim. All levels welcomed.

Class No	Component	Start/End Time	Days	Instructor	Room
12198	LAB	8:30 am - 10:55 am	MTWTh	Skarr, G T	P OOL

(Starts 07/17/2023, Ends 08/20/2023)

12197	LAB	11:30 am - 1:55 pm	MTWTh	Skarr, G T	P OOL
-------	-----	--------------------	-------	------------	-------

(Starts 07/17/2023, Ends 08/20/2023)

#### KIN 300-2- Swimming Non-Swimmer II (UC/CSU) - 1 Unit

*Requirement Designation: Meets CSU E*

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn beginning aquatic skills, water safety, basic aquatic activities and further develop confidence in water. This course is designed for students to continue learning how to swim, building on KIN 300-1.

## 2023 Summer SCHEDULE

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
13514 (Starts 07/17/2023, Ends 08/20/2023)	LAB	8:30 am - 10:55 am	MTWTh	Skarr, G T	P OOL
13512 (Starts 07/17/2023, Ends 08/20/2023)	LAB	11:30 am - 1:55 pm	MTWTh	Skarr, G T	P OOL

### KIN 300-3- Swimming Non-Swimmer III (UC/CSU) - 1 Unit

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn intermediate aquatic skills, water safety, basic aquatic activities and further develop confidence in water. This course is designed for students to continue learning how to swim, building on KIN 300-1 and KIN 300-2.

Class No	Component	Start/End Time	Days	Instructor	Room
13515 (Starts 07/17/2023, Ends 08/20/2023)	LAB	8:30 am - 10:55 am	MTWTh	Skarr, G T	P OOL
13513 (Starts 07/17/2023, Ends 08/20/2023)	LAB	11:30 am - 1:55 pm	MTWTh	Skarr, G T	P OOL

### KIN 329-1- Body Conditioning I (UC/CSU) - 1 Unit

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

This introductory course provides students with the opportunity to learn and participate in a variety of exercises for increasing cardiovascular fitness, muscular strength, and flexibility.

Class No	Component	Start/End Time	Days	Instructor	Room
14849 (Starts 07/17/2023, Ends 08/20/2023)	LAB	1:15 pm - 3:40 pm	MTWTh	De Castro, J	C4-BASE
10160	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### KIN 329-2- Body Conditioning II (UC/CSU) - 1 Unit

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn and participate in a variety of beginning level exercises for increasing cardiovascular fitness, muscular strength, and flexibility. This course builds on KIN 329-1.

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

14850 LAB 1:15 pm - 3:40 pm MTWTh De Castro, J C4-BASE  
(Starts 07/17/2023, Ends 08/20/2023)

10329 LAB 10:30 hrs/wk TBA Lagos, D R ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### KIN 329-3- Body Conditioning III (UC/CSU) - 1 Unit

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Students learn and participate in a variety of intermediate level exercises for increasing cardiovascular fitness, muscular strength, and flexibility. This course builds on KIN 329-2.

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

14851	LAB	1:15 pm - 3:40 pm	MTWTh	De Castro, J	C4-BASE
-------	-----	-------------------	-------	--------------	---------

(Starts 07/17/2023, Ends 08/20/2023)

11227 LAB 10:30 hrs/wk TBA Lagos, D R ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

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

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

11595	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

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

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

11539	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

## 2023 Summer SCHEDULE

## LA Trade-Technical College

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
11580	LAB	10:30 hrs/wk	TBA	Lagos, D R	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

### 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
12192	LAB	12:00 pm - 1:10 pm	MTWTh	Morgan, S A	G2-100

(Starts 06/12/2023, Ends 08/20/2023)

12193	LAB	1:45 pm - 2:55 pm	MTWTh	Morgan, S A	G2-100
-------	-----	-------------------	-------	-------------	--------

(Starts 06/12/2023, Ends 08/20/2023)

### Kinesiology Major

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
13779	LEC	10:30 hrs/wk	TBA	Pfiffner, B C	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

#### KIN MAJ 106- Sports Ethics (UC/CSU) - 3 Units

*Requirement Designation: Meets CSU C2*

Students will learn the wide range of moral and ethical issues in sports. Topics include racial and gender equity, commercialization, use of ergogenic aids, eligibility, violence, sportsmanship, and code of ethics, using an examination of historical and current events.

Class No	Component	Start/End Time	Days	Instructor	Room
13778	LEC	10:30 hrs/wk	TBA	Pfiffner, B C	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

### Labor Studies

**LABR ST 004- Labor In America (UC/CSU) - 3 Units***Requirement Designation: Meets IGETC 4G CSU D7*

Examines how labor organizations and labor laws impact workers, families and American society focusing on worksite-related issues such as job security, income, workers' rights, immigration and role of unions.

Class No	Component	Start/End Time	Days	Instructor	Room
13981	LEC	10:30 hrs/wk	TBA	Wills, E R	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

**LABR ST 021- The Working Class And Cinema (UC/CSU) - 3 Units***Requirement Designation: Meets IGETC 3B CSU C2*

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

Class No	Component	Start/End Time	Days	Instructor	Room
15480	LEC	7:45 am - 10:35 am	MTWTh	Hatcher, M D	OFF CAMP

[Partnerships Section]

USC Upward Bound

3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation is open to all students.

This class section will meet in-person at USC.

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/12/2023, Ends 07/16/2023)

10972	LEC	10:30 hrs/wk	TBA	Wills, E R	ON LINE
-------	-----	--------------	-----	------------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

**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	Component	Start/End Time	Days	Instructor	Room
12199	LEC	2:05 hrs/wk	TBA	Nitsch, L M	ON LINE

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

"This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

(Starts 06/12/2023, Ends 08/06/2023)

**Management****MGMT 013- Small Business Entrepreneurship (CSU) - 3 Units**

This course provides a systematic approach to developing and operating a successful small business. The areas of study include: personal qualifications for starting and managing a small business, determining the market opportunity, legal procedures, planning and marketing the business, location factors, capital

requirements, protective factors to provide for risk, and personnel management. Students gain experience through the development of a business plan.

Class No	Component	Start/End Time	Days	Instructor	Room
12484	LEC	10:30 hrs/wk	TBA	Mcintosh, A U	ON LINE

This class section will meet 100% online with no mandatory meeting.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## Mathematics

### MATH 227- Statistics (UC/CSU) - 4 Units

*Requirement Designation:* Meets IGETC 2A CSU B4

**Enrollment Requirement:** Prerequisite: MATH 125 OR MATH 125S OR MATH 137 OR Placement in M1, M2, M5, M6, M9, or M10

Math 227 is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics, sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and student t-distributions, linear correlation, and regression analysis are also presented as topics.

Class No	Component	Start/End Time	Days	Instructor	Room
11581	LEC	9:40 am - 1:00 pm	MTWTh	Lopez, A E	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11582	LEC	9:40 am - 1:30 pm	MTWTh	Dominguez, C C	F5-412
-------	-----	-------------------	-------	----------------	--------

(Starts 06/12/2023, Ends 07/16/2023)

11015	LEC	3:00 pm - 6:20 pm	MTWTh	Simpson-Rodgers, N	ON LINE
-------	-----	-------------------	-------	--------------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

14579	LEC	3:00 pm - 6:50 pm	MTWTh	Maheta-Wells, P	ON LINE
-------	-----	-------------------	-------	-----------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

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

*Requirement Designation:* Meets IGETC 2A CSU B4

**Enrollment Requirement:** Prerequisite: MATH 125 or Placement in M1 or M2 or M5 or M6 or M9  
Advisory: MATH 137

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

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

14892    LEC                    9:40 am - 12:30 pm            MTWTh                    Ghacham, M A                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

14893    LEC                    3:00 pm - 5:25 pm            MTWTh                    Barrow, O L                    F5-412  
(Starts 07/17/2023, Ends 08/20/2023)

### **MATH 241- Trigonometry With Vectors (CSU) - 4 Units**

*Requirement Designation:*        *Meets CSU B4*

**Enrollment Requirement:**    Prerequisite: MATH 125 or 125S or 123C or MATH 134, or placement in M1 or M2.

Introduces trigonometric functions, their graphs, inverses, and fundamental identities. Trigonometric equations are solved. The laws of sines and cosines, vectors, polar coordinates and applications are introduced.

Class No	Component	Start/End Time	Days	Instructor	Room
11505	LEC	9:40 am - 1:00 pm	MTWTh	Meftagh, T S	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation:*        *Meets IGETC 2A CSU B4*

**Enrollment Requirement:**    Prerequisite: MATH 125 or Placement in M1 or M2.

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

Class No	Component	Start/End Time	Days	Instructor	Room
14896	LEC	9:40 am - 12:05 pm	MTWTh	Saikaly, M D	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

14894    LEC                    3:00 pm - 5:50 pm            MTWTh                    Vallejo, J                    F5-412  
(Starts 06/12/2023, Ends 07/16/2023)

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

*Requirement Designation:*        *Meets IGETC 2A CSU B4*

**Enrollment Requirement:**    Prerequisites: MATH 240 or 241 or 241S or 258 or placement.

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
----------	-----------	----------------	------	------------	------

11583 LEC 12:30 pm - 4:10 pm MTWTh Kunarak, S ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/23/2023)

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

*Requirement Designation:* Meets IGETC 2A CSU B4

**Enrollment Requirement:** Prerequisite: MATH 266 or 262

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

Class No	Component	Start/End Time	Days	Instructor	Room
11504	LEC	9:40 am - 12:10 pm	MTWTh	Avila, L F	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### Microbiology

#### MICRO 020- General Microbiology (UC/CSU) - 4 Units

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

**Enrollment Requirement:** Prerequisite: CHEM 051 OR CHEM 101 and BIO 003 or BIO 005 or BIO 006 or ANATOMY 001

This course examines microbiological principles related to the morphology, metabolism and genetics of bacteria and distinguishing characteristics of viruses, protozoa, fungi, and multicellular parasites, with applications to human disease and immunology. The labs include microscopy, aseptic technique in the handling of bacteria, and isolation, cultivation, staining, identification, and control of bacterial populations. It is intended principally for allied health majors with 3 hours of lab each week.

Class No	Component	Start/End Time	Days	Instructor	Room
14108	LEC	8:00 am - 10:35 am	MTWTh	Pantastico Caldas, M C	C4-408
<b>AND</b>					
14109	LAB	10:40 am - 1:15 pm	MTWTh	Pantastico Caldas, M C	C4-408

### Music

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

*Requirement Designation:* Meets IGETC 3A CSU C1

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

Class No	Component	Start/End Time	Days	Instructor	Room
13149	LEC	2:00 pm - 4:50 pm	MTWTh	Kwon, B W	ON LINE

LATTC STEAM Academy

Enrollment and participation is open to all students. This class will be conducted remotely and online. For more information, contact us at 213-763-3754.



# 2023 Summer SCHEDULE

# LA Trade-Technical College

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

10363	LEC	10:30 hrs/wk	TBA	Ray, E J	ON LINE
-------	-----	--------------	-----	----------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

11523	LEC	10:30 hrs/wk	TBA	Ray, E J	ON LINE
-------	-----	--------------	-----	----------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

15881	LEC	10:30 hrs/wk	TBA	Ray, E J	ON LINE
-------	-----	--------------	-----	----------	---------

## MUSIC 116- Survey And History Of Rock, Pop And Soul Music (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 3A CSU C1*

This course covers the origin, stylistic development, and cultural impact of rock, pop, soul, and related musical traditions. The course is designed to increase student awareness of the relationship between popular music and society.

Class No	Component	Start/End Time	Days	Instructor	Room
15470	LEC	7:45 am - 10:35 am	MTWTh	Kwon, B W	OFF CAMP

[Partnerships Section]  
USC Upward Bound  
3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation is open to all students.

This class section will meet in-person at USC's University Park campus.

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/12/2023, Ends 07/16/2023)

## Nursing, Registered

### REGNRSG 169- Introduction to Nursing Concepts (CSU) - 3.5 Units

Introduction to Nursing Concepts

Class No	Component	Start/End Time	Days	Instructor	Room
12162	LEC	8:00 am - 12:15 pm	TWTh	Ashby, C M	B3-207

(Starts 06/19/2023, Ends 07/21/2023)

## Philosophy

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

*Requirement Designation: Meets IGETC 3B CSU C2*

Introduction To Philosophy

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

10247 LEC 10:30 hrs/wk TBA Shirikjian, V G ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

12663 LEC 10:30 hrs/wk TBA Waters, F G ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### Physics

#### PHYSICS 007- General Physics II (UC/CSU) - 4 Units

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

**Enrollment Requirement:** Prerequisite: PHYSICS 006

This is the second course in a two course, trigonometry based sequence with Physics 6. Topics include the principles of electricity and magnetism, optics, and modern physics. 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
10249	LEC	4:00 pm - 6:30 pm	MTWTh	De, R	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

#### AND

10257 LAB 7:00 pm - 9:30 pm MTWTh De, R ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

#### PHYSICS 011- Introductory Physics (UC/CSU) - 4 Units

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

This is an introductory course that covers the wide range of topics included in a basic physics course such as kinematics of one- and two-dimensional motion, circular motion, Newton's laws, work and energy, thermodynamics, wave motion, oscillation, optics, electricity and magnetism, and nuclear and atomic Physics. Students analyze conceptual questions as well as solve quantitative problems using Algebra.

Class No	Component	Start/End Time	Days	Instructor	Room
11615	LEC	1:00 pm - 3:30 pm	MTWTh	Tekola, A	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

#### AND

11616 LAB 3:35 pm - 6:05 pm MTWTh Tekola, A ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11244 LEC 10:30 hrs/wk TBA Khan, M ON LINE

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 07/17/2023, Ends 08/20/2023)

#### AND

11264 LAB 10:30 am - 12:55 pm MTWTh Khan, M ON LINE

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 07/17/2023, Ends 08/20/2023)

## PHYSICS 012- Physics Fundamentals (UC/CSU) - 3 Units

*Requirement Designation:* Meets IGETC 5A CSU B1

This course provides a survey of physics including laws of motion, properties of matter, heat, sound, electricity and magnetism, light, atomic and nuclear physics, and relativity. There will be given a historic perspective and applications in today's culture.

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

12828	LEC	10:30 hrs/wk	TBA	Khan, M	ON LINE
-------	-----	--------------	-----	---------	---------

Please note: This (Physics 12) is a Lecture class only and it is combined with the Lecture of Physics 11 with class number 11244.

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

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

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

**Enrollment Requirement:** Corequisite: MATH 265

Advisory: PHYSICS 011 or 012

Physics For Engineers And Scientists I

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

14153	LEC	10:00 am - 12:25 pm	MTWTh	Klee, V	C4-422
-------	-----	---------------------	-------	---------	--------

(Starts 07/17/2023, Ends 08/20/2023)

**AND**

14154	LAB	12:40 pm - 5:50 pm	MTWTh	Klee, V	C4-422
-------	-----	--------------------	-------	---------	--------

(Starts 07/17/2023, Ends 08/20/2023)

## PHYSICS 102- Physics For Engineers And Scientists II (UC/CSU) - 5 Units

**Enrollment Requirement:** Prerequisite: PHYSICS 101

Corequisite: MATH 266

Physics For Engineers And Scientists II

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

14155	LEC	10:00 am - 12:50 pm	MTWTh	Klee, V	C4-422
-------	-----	---------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

**AND**

14156	LAB	1:00 pm - 6:50 pm	MTWTh	Klee, V	C4-422
-------	-----	-------------------	-------	---------	--------

(Starts 06/12/2023, Ends 07/16/2023)

## Plumbing

### PLUMBNG 026- Plumbing Layout And Estimating I - 3 Units

This course covers fundamentals of blueprint reading for residential plumbing with an introduction to piping layout and design and basic estimating procedures. An overview of piping and fitting nomenclature, measurements, and related calculations, as well as techniques in sketching, along with orthographic, and isometric drawing creation are included.

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

# 2023 Summer SCHEDULE

# LA Trade-Technical College

11989    LEC                    6:00 pm - 9:10 pm                    WTh                    Galvan, W M                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## 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
10876	LEC	6:00 pm - 9:20 pm	MT	Jones, L	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## 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).

Class No	Component	Start/End Time	Days	Instructor	Room
11990	LEC	6:00 pm - 9:20 pm	MT	Gonsales, R	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Political Science

### POL SCI 001- The Government Of The United States (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4H CSU D8 US-2 US-3*

The Government Of The United States

Class No	Component	Start/End Time	Days	Instructor	Room
11344	LEC	7:30 am - 10:00 am	MTWTh	Elac, J	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11529    LEC                    10:10 am - 12:35 pm                    MTWTh                    Sanchez, S                    F5-306  
(Starts 07/17/2023, Ends 08/20/2023)

14295    LEC                    12:00 pm - 2:50 pm                    MTWTh                    Elac, J                    F5-306  
(Starts 06/12/2023, Ends 07/16/2023)

15482    LEC                    1:30 pm - 4:20 pm                    MTWTh                    Fletcher, L L                    OFF CAMP  
[Partnerships Section]  
USC Upward Bound  
3551 Trousdale Pkwy Los Angeles, CA 90007

Enrollment and participation is open to all students.

This class section will meet in-person at USC.

# 2023 Summer SCHEDULE

# LA Trade-Technical College

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/12/2023, Ends 07/16/2023)

15872    LEC                    10:30 hrs/wk                    TBA                    STAFF, L                    ON LINE  
(Starts 07/17/2023, Ends 08/20/2023)

11533    LEC                    10:30 hrs/wk                    TBA                    Tabakian, J P                    ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## Psychology

### PSYCH 001- General Psychology I (UC/CSU) - 3 Units

*Requirement Designation:*    *Meets IGETC 4I CSU D9*

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

Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include but are not limited to the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

Class No	Component	Start/End Time	Days	Instructor	Room
11527	LEC	9:40 am - 12:05 pm	MTWTh	Wallach, M D	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

14297    LEC                    9:40 am - 12:30 pm                    MTWTh                    Bevacqua, A E                    F5-312  
(Starts 06/12/2023, Ends 07/16/2023)

13152    LEC                    1:00 pm - 3:50 pm                    MTWTh                    Cain, L C                    ON LINE  
LATTC STEAM Academy

Enrollment and participation is open to all students.

This class will be conducted remotely and online. For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

14684    LEC                    1:30 pm - 4:20 pm                    MTWTh                    Bevacqua, A E                    OFF CAMP  
USC Upward Bound  
3716 S. Hope St, Los Angeles CA, 90089

Enrollment and participation is open to all students. This class section will meet in-person at USC.

For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

12690    LEC                    6:00 pm - 8:50 pm                    MTWTh                    Essex, R W                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## 2023 Summer SCHEDULE

## LA Trade-Technical College

15873 LEC 10:30 hrs/wk TBA STAFF, L ON LINE  
(Starts 07/17/2023, Ends 08/20/2023)

11345 LEC 10:30 hrs/wk TBA Koritzke, L S ON LINE

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

"This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

(Starts 06/12/2023, Ends 07/16/2023)

11622 LEC 10:30 hrs/wk TBA Bentley, M J ON LINE

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

(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation:* Meets IGETC 5B CSU B2

**Enrollment Requirement:** Prerequisite: PSYCH 001

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

Class No	Component	Start/End Time	Days	Instructor	Room
15874	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE

(Starts 07/17/2023, Ends 08/20/2023)

11503 LEC 10:30 hrs/wk TBA Cain, L C ON LINE

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

(Starts 07/17/2023, Ends 08/20/2023)

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

*Requirement Designation:* Meets IGETC 4 CSU D E

**Enrollment Requirement:** Prerequisite: PSYCH 001

Advisory: ENGLISH 100

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

Class No	Component	Start/End Time	Days	Instructor	Room
15875	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE

(Starts 07/17/2023, Ends 08/20/2023)

# 2023 Summer SCHEDULE

# LA Trade-Technical College

11525    LEC                    10:30 hrs/wk                    TBA                    Koritzke, L S                    ON LINE

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

"This class is quality reviewed and approved by the California Virtual College - Open Education Initiative. It incorporates best practices in online course design, interaction, and accessibility to support student success."

(Starts 07/17/2023, Ends 08/20/2023)

12689    LEC                    10:30 hrs/wk                    TBA                    Bentley, M J                    ON LINE

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

(Starts 06/12/2023, Ends 07/16/2023)

## PSYCH 074- Research Methods In The Behavioral Sciences (UC/CSU) - 3 Units

*Requirement Designation:*            *Meets IGETC 4 CSU D*

**Enrollment Requirement:**    Prerequisite: PSYCH 001 and MATH 227

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub disciplines of psychology.

Class No	Component	Start/End Time	Days	Instructor	Room
11532	LEC	10:30 hrs/wk	TBA	Wooten, D M	ON LINE

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

(Starts 06/12/2023, Ends 07/16/2023)

11670    LEC                    10:30 hrs/wk                    TBA                    Wooten, D M                    ON LINE

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

(Starts 07/17/2023, Ends 08/20/2023)

## Refrig & Air Condition Mechan

### REF A/C 160- Refrigeration System Principles And Practices - 4 Units

Students learn the fundamental refrigeration system principles, including system components refrigerants, basic electricity, motors, controls, and test equipment in domestic and commercial systems. Students get an introduction to air conditioning with an emphasis on the refrigeration cycle, and appropriate temperatures.

Class No	Component	Start/End Time	Days	Instructor	Room
11975	LEC	6:00 pm - 7:25 pm	MTWTh	Needham, M R	E2-203

(Starts 06/12/2023, Ends 08/06/2023)

**AND**

11993	LAB	7:35 pm - 9:40 pm	MTWTh	Needham, M R	E2-204
-------	-----	-------------------	-------	--------------	--------

(Starts 06/12/2023, Ends 08/06/2023)

### REF A/C 188- Servicing II - 3 Units

Topics covered in this course include: electrical diagrams for testing control circuits; the total electrical system and protection devices on package units; analysis of failure and compressor motor burnout cleanup procedures.

Class No	Component	Start/End Time	Days	Instructor	Room
12540	LEC	7:00 am - 10:10 am	TW	Dozier, K M	E2-232

(Starts 06/12/2023, Ends 08/06/2023)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11969	LEC	8:50 hrs/wk	TBA	Cioffi, G	ON LINE

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Sociology

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

Requirement Designation: Meets IGETC 4J CSU D0

Introduction To Sociology

Class No	Component	Start/End Time	Days	Instructor	Room
11536	LEC	7:30 am - 10:00 am	MTWTh	Powell, S B	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11537	LEC	12:30 pm - 2:55 pm	MTWTh	Powell, S B	ON LINE
-------	-----	--------------------	-------	-------------	---------

Real-time meetings are required as scheduled. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

14299	LEC	12:30 pm - 2:55 pm	MTWTh	Tweini, H	F5-415
-------	-----	--------------------	-------	-----------	--------

15876	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE
-------	-----	--------------	-----	----------	---------

11528	LEC	10:30 hrs/wk	TBA	Nava, J	ON LINE
-------	-----	--------------	-----	---------	---------

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

11506	LEC	10:30 hrs/wk	TBA	Howard, R	ON LINE
-------	-----	--------------	-----	-----------	---------

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

14444	LEC	10:30 hrs/wk	TBA	Garcia, J A	ON LINE
-------	-----	--------------	-----	-------------	---------

LATTC STEAM Academy  
Enrollment and participation is open to all students.

This class will be conducted remotely and online. For more information, contact us at 213-763-3754.

No real-time meetings are required. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)



# 2023 Summer SCHEDULE

# LA Trade-Technical College

15483 LEC 10:30 hrs/wk TBA Demorst, L ON LINE  
[Partnerships]  
LATTC STEAM Academy

Enrollment and participation is open to all students.

This class does not meet in real-time. All activities and work are completed online. For more information, contact us at 213-763-3754.

No real-time meetings are required. All activities are online.  
(Starts 06/20/2023, Ends 07/21/2023)

15745 LEC 10:30 hrs/wk TBA Demorst, L ON LINE  
[Partnerships Section]  
STEAM

Enrollment and participation is open to all students.

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

For more information, please contact the k12 Partnership Program at (213) 763-3966.  
(Starts 06/26/2023, Ends 07/28/2023)

## SOC 002- American Social Problems (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4J CSU D0*

American Social Problems

Class No	Component	Start/End Time	Days	Instructor	Room
14685	LEC	9:40 am - 12:30 pm	MTWTh	Williams, K L	OFF CAMP

USC Upward Bound  
3716 S. Hope St, Los Angeles CA, 90089

Enrollment and participation is open to all students. This class section will meet in-person at USC.

For more information, contact us at 213-763-3754.  
(Starts 06/12/2023, Ends 07/16/2023)

11160 LEC 10:30 hrs/wk TBA Howard, R ON LINE

No real-time meetings are required. All activities are online.  
(Starts 07/17/2023, Ends 08/20/2023)

## SOC 028- The Family: A Sociological Approach (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4J CSU D0 E*

**Enrollment Requirement:** Advisory: ENGLISH 100

The Family: A Sociological Approach

Class No	Component	Start/End Time	Days	Instructor	Room
12069	LEC	12:00 pm - 2:30 pm	MTWTh	Tweini, H	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

## Spanish

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

*Requirement Designation: Meets IGETC 6A CSU C2*

An introductory course for students who have had little or no oral or written knowledge of Spanish. Students

develop listening, speaking, reading, and writing skills in communicative contexts that are focused on the cultures of the Spanish-speaking world. Upon successful completion of this course, students are able to understand and engage in simple conversations on familiar topics. Conducted primarily in Spanish.

Class No	Component	Start/End Time	Days	Instructor	Room
12460	LEC	10:00 am - 12:50 pm	MTWTh	Quinones, H C	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 08/06/2023)

## Street Maintenance

### ST MAIN 208- Street Maintenance Technology - 3 Units

The basic concepts of management and supervision in the area of public works are introduced. Topics include motivating employees, effective communication, problem solving, leadership skills and current practices.

Class No	Component	Start/End Time	Days	Instructor	Room
14526	LEC	5:00 pm - 8:20 pm	MW	Navarro, A A	STMA BRAU

In-Person at offsite non-LATTC Location.  
25 of 25 LATTC Stree Services Contract  
(Starts 07/03/2023, Ends 08/27/2023)

## Supervised Learning Assistance

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

Supervised Tutoring

Class No	Component	Start/End Time	Days	Instructor	Room
11245	LAB	23:50 hrs/wk	TBA	Cole, V L	ON LINE

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

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
(Starts 06/12/2023, Ends 08/20/2023)

## Supply Water Technology

### WATER 101- Introduction To Supply Water Technology - 3 Units

The purpose of this course is to introduce the basics of water supply, sources of water supply, water chemistry, drinking water regulations, water microbiology, water quality control, and some basic arithmetics related to water distribution and water treatment problems.

Class No	Component	Start/End Time	Days	Instructor	Room
12010	LEC	6:00 pm - 9:10 pm	WTh	Nieto, A	B1-216

In-person.  
(Starts 06/12/2023, Ends 08/06/2023)

### WATER 102- Calculations And Measurement For Water Technology Programs - 3 Units

This course covers the basic math skills needed to perform in the supply & waster water fields. Emphasis is placed on the basic operations and how they are applied to the industry. Measurement calculations will be performed in both standard and metric measurements.

Class	Component	Start/End Time	Days	Instructor	Room
-------	-----------	----------------	------	------------	------

No	Component	Start/End Time	Days	Instructor	Room
11033	LEC	6:00 pm - 9:20 pm	MT	Ginzburg, D	ON LINE

Real-time meetings are required as scheduled. All activities are online.  
 (Starts 06/12/2023, Ends 08/06/2023)

**Theater**

**THEATER 100- Introduction To The Theater (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 3A 3B CSU C1*

Students will survey and appreciate the art of theatre. The students are provided a wider basis for both evaluation and enjoyment of the theatrical experience. Students examine all elements of live theatre, its cultural and historical background, the contributions of various theatre artists, and its overall purpose and influence within our society. Students explore all aspects of play production: playwriting, directing, acting, criticism, theatre architecture, set design, costume design, lighting design, and the role of the audience.

Class No	Component	Start/End Time	Days	Instructor	Room
10254	LEC	10:30 hrs/wk	TBA	Horn, M L	ON LINE

No real-time meetings are required. All activities are online.  
 (Starts 06/12/2023, Ends 07/16/2023)

**Visual Communications**

**VISCOM 106- Drawing I (UC/CSU) - 2 Units**

Students will draw images of 3-D space correctly using Two Point Perspective. Students will draw from life and from photographs for the purpose of creating camera ready illustrations. Students will execute finished line art in various ink techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
15065	LAB	8:00 am - 12:15 pm	MTWTh	Silva, R	D4-302

(Starts 07/17/2023, Ends 08/20/2023)

**VISCOM 120- Drawing II (UC/CSU) - 2 Units**

An advanced drawing course in which indoor and outdoor observational drawing concepts are linked with magazine and book publishing for the creation of cover art and feature article page layouts.

Class No	Component	Start/End Time	Days	Instructor	Room
15066	LAB	8:00 am - 12:15 pm	MTWTh	Silva, R	D4-302

(Starts 07/17/2023, Ends 08/20/2023)

**VISCOM 129- Digital Photo Manipulation (UC/CSU) - 2 Units**

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

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

11436    LAB                    17:50 hrs/wk                    TBA                    Lepe, S A                    ON LINE

Real-time meetings are required as scheduled. All activities are online.  
(Starts 06/12/2023, Ends 07/16/2023)

### VISCOM 130- Drawing III (UC/CSU) - 2 Units

Students will be able to compose and design a multiple image montage illustration. The incorporation of scale change, strong positive and negative shapes and line variations will provide depth to the illustration content and suggest a strong graphic composition.

Class No	Component	Start/End Time	Days	Instructor	Room
15067	LAB	8:00 am - 12:15 pm	MTWTh	Silva, R	D4-302

(Starts 07/17/2023, Ends 08/20/2023)

### VISCOM 385- Directed Study - Visual Communications - 3 Units

This course allows students to pursue directed study in Visual Communications on a contract basis under the direction of a supervising instructor.

Class No	Component	Start/End Time	Days	Instructor	Room
14174	LEC	8:00 am - 11:50 am	MTW	Rodriguez, C J	D3-108

This directed studies course will focus on individual, self-directed projects in animation.  
(Starts 06/12/2023, Ends 07/16/2023)

## Vocational Education

### VOC ED 008CE- Pre-Employment Skills/Consumer Training (Repeatable) - 0 Unit

Pre-Employment Skills/Consumer Training

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

15714    LEC                    9:50 hrs/wk                    TBA                    Ramirez, M A                    B1-228  
(Starts 06/20/2023, Ends 08/27/2023)

**AND**

15715    LAB                    19:50 hrs/wk                    TBA                    Ramirez, M A                    B1-228  
(Starts 06/20/2023, Ends 08/27/2023)

### VOC ED 252CE- Exploration Of Construction And Maintenance Careers (Repeatable) - 0 Unit

Exploration Of Construction And Maintenance Careers

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

13240    LEC                    6:00 pm - 7:00 pm                    TTh                    Aguilar, A                    E2-320  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students.

For more information, contact us at 213-763-3762.

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

**AND**

13241    LAB                    7:10 pm - 9:20 pm                    TTh                    Aguilar, A                    E2-320  
Avanza Los Angeles (ALAS)

Enrollment and participation open to all students.

# 2023 Summer SCHEDULE

# LA Trade-Technical College

For more information, contact us at 213-763-3762.

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

## 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
14565	LEC	9:00 am - 12:20 pm	TWTh	STAFF, L	E3-207

This class is for students interested in the Culinary Arts Pathway.

(Starts 07/17/2023, Ends 08/20/2023)

## VOC ED 326CE- Automotive Diagnostics and Repair (Repeatable) - 0 Unit

This is a preparation course combining lecture and hands-on shop work for major automotive systems.

Emphasis on automotive diagnostics and remedial maintenance and repair.

Class No	Component	Start/End Time	Days	Instructor	Room
13238	LEC	6:00 pm - 7:00 pm	TTh	Venegas, R	F5-210

Avanza Los Angeles (ALAS)

Enrollment and participation open to all students.

For more information, contact us at 213-763-3762.

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

### AND

13239	LAB	7:10 pm - 9:20 pm	TTh	Venegas, R	F5-213
-------	-----	-------------------	-----	------------	--------

Avanza Los Angeles (ALAS)

Enrollment and participation open to all students.

For more information, contact us at 213-763-3762.

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

## VOC ED 506CE- Sewing Special Fabrics (Repeatable) - 0 Unit

Students develop clothing alteration skills in recognizing and achieving a perfect fit through an exploration of the following topics: evaluating figures, evaluating fit, applying pattern and garment alteration procedures, and fitting methods.

Class No	Component	Start/End Time	Days	Instructor	Room
13237	LAB	6:00 pm - 9:10 pm	TTh	Thornton, D M	D4-130

Avanza Los Angeles (ALAS)

Enrollment and participation open to all students.

For more information, contact us at 213-763-3762.

Instruction in Spanish

(Starts 06/12/2023, Ends 08/20/2023)

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

## 2023 Summer SCHEDULE

## LA Trade-Technical College

### Culinary: Elements of Cooking Techniques

Class No	Component	Start/End Time	Days	Instructor	Room
14164 (Starts 07/17/2023, Ends 08/20/2023)	LAB	5:30 pm - 8:50 pm	MW	STAFF, L	E3-210
14901 Instruction in Spanish (Starts 06/12/2023, Ends 07/16/2023)	LAB	6:00 pm - 9:15 pm	TTh	Martinez-Reyes, F	E3-100

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

#### Culinary: Baking Skills

Class No	Component	Start/End Time	Days	Instructor	Room
14165 (Starts 07/17/2023, Ends 08/20/2023)	LAB	5:30 pm - 8:50 pm	TTh	STAFF, L	E3-212
14902 Instruction in Spanish (Starts 07/17/2023, Ends 08/20/2023)	LAB	6:00 pm - 9:15 pm	TTh	Martinez-Reyes, F	E3-100

### VOC ED 607CE- Advanced Diagnostic Equipment (Repeatable) - 0 Unit

This course covers the use of the function generator, the oscilloscope, Simpson 260, and digital meters. It addresses troubleshooting to component level, analyzing schematic diagrams, and using the Nida software to study oscilloscopes, and troubleshooting the microprocessor. The course discusses frequencies as it pertains to electronics communications.

Class No	Component	Start/End Time	Days	Instructor	Room
12778 RFS Metro JAC class (Starts 06/12/2023, Ends 06/30/2023)	LEC	12:00 pm - 3:35 pm	MTWThF	Ramirez, M A	B1-214
<b>AND</b> 12779 RFS Metro JAC class (Starts 06/12/2023, Ends 06/30/2023)	LAB	3:45 pm - 7:20 pm	MTWThF	Ramirez, M A	B1-214

### Welding Gas And Electric

#### WELDG/E 204- Introduction To Arc Welding - 1 Unit

##### Introduction To Arc Welding

Class No	Component	Start/End Time	Days	Instructor	Room
14678 In-person class. (Starts 06/12/2023, Ends 07/16/2023)	LEC	7:00 am - 7:50 am	WTh	Legohn, L M	B1-150
<b>AND</b> 14679 In-person class. (Starts 06/12/2023, Ends 07/16/2023)	LAB	8:00 am - 10:30 am	WTh	Legohn, L M	B1-156