

## 2022 Winter SCHEDULE

## LA Trade-Technical College

### Accounting

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

**Enrollment Requirement:** Advisory: BUS 038

The course covers the accounting information system, including recording and reporting of business transactions with a focus on the accounting cycle, the application of generally accepted accounting principles, the financial statements, and statement analysis.

Class No	Component	Start/End Time	Days	Instructor	Room
11181	LEC	8:00 am - 12:25 pm	MTWTh	Preciado-Garcia, S	C4-208

(Starts 01/04/2022, Ends 02/06/2022)

### 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
10004	LEC	14:10 hrs/wk	TBA	Velez, M	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 01/04/2022, Ends 02/06/2022)

### Anatomy

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

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11996	LEC	10:30 hrs/wk	TBA	Gee, A L	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 01/04/2022, Ends 02/06/2022)

**AND**

11997	LAB	10:30 hrs/wk	TBA	Gee, A L	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
 (Starts 01/04/2022, Ends 02/06/2022)

### 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

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biological relatives, the living monkeys and apes.

Class No	Component	Start/End Time	Days	Instructor	Room
10448	LEC	10:30 hrs/wk	TBA	Motkin, I R	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 01/04/2022, Ends 02/06/2022)

10449	LEC	10:30 hrs/wk	TBA	Mattson, G A	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

### Architecture

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11061	LEC	7:00 am - 10:15 am	MTW	Oliva, M	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

#### AND

11062	LAB	10:25 am - 1:40 pm	MTW	Oliva, M	C2-109
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This class will be offered in a hybrid format, which requires students to meet in-person, face-to-face with their instructor during the times shown AND to work online during the scheduled times and/or independently each week for the amount of TBA hours shown on schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### 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
10241	LEC	3:10 pm - 5:40 pm	MTWTh	Moreno, M A	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

11111	LEC	10:30 hrs/wk	TBA	Khan, M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

#### 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

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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
10275	LAB	6:30 pm - 9:00 pm	MTWTh	Moreno, M A	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### Automotive Collision Repair

#### AUTOCOR 148- Paint Preparation And Application (RPT 3) - 3 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
11577	LEC	1:30 pm - 2:20 pm	MTWTh	Jakahi, J K	B1-132

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

11578	LAB	2:30 pm - 8:20 pm	MTWTh	Jakahi, J K	B1-100
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(Starts 01/04/2022, Ends 02/06/2022)

#### 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
10702	LEC	7:00 am - 7:50 am	MTWTh	Ferre, B E	B1-132

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10703	LAB	8:00 am - 1:25 pm	MTWTh	Ferre, B E	B1-100
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(Starts 01/04/2022, Ends 02/06/2022)

#### AUTOCOR 921- Cooperative Education - Automotive Collision Repair (RPT 7) - 2 Units

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

Cooperative Education - Automotive Collision Repair

Class No	Component	Start/End Time	Days	Instructor	Room
11054	LEC	6:50 hrs/wk	TBA	Guerra, J	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 01/04/2022, Ends 02/06/2022)

### Automotive Mechanics Tech

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
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# 2022 Winter SCHEDULE

# LA Trade-Technical College

12068 LEC 7:00 am - 7:50 am MTWTh McFall, T J B1-122

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## AND

12069 LAB 8:00 am - 1:50 pm MTWTh McFall, T J B1-104

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
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10775 LEC 7:00 am - 7:50 am MTWTh Taba, R A B1-132

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## AND

10776 LAB 8:00 am - 1:50 pm MTWTh Taba, R A B1-132

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
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12072 LEC 7:00 am - 7:50 am MTWTh Cantillano, J B1-128

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## AND

12073 LAB 8:00 am - 1:50 pm MTWTh Cantillano, J B1-108

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
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11057 LEC 7:00 am - 7:50 am MTWTh Ramirez, J L B1-120

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

## AND

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11058 LAB 8:00 am - 1:50 pm MTWTh Ramirez, J L B1-104

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
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11572 LEC 7:00 am - 7:50 am MTWTh Mostafa, O B1-124

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

#### **AND**

11573 LAB 8:00 am - 1:50 pm MTWTh Mostafa, O B1-108

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

### **AUTORTK 144- California State Bureau Of Automotive Repair Clean Air Car - 3 Units**

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

Class No	Component	Start/End Time	Days	Instructor	Room
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12070 LEC 7:00 am - 7:50 am MTWTh Rios, M B1-116

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

#### **AND**

12071 LAB 8:00 am - 1:50 pm MTWTh Rios, M B1-106

\*\*\*This class will meet in-person for both lecture and laboratory sessions\*\*\*

AUTORTK courses may be taken in any order  
(Starts 01/04/2022, Ends 02/06/2022)

### **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).

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Class No	Component	Start/End Time	Days	Instructor	Room
11056	LEC	6:50 hrs/wk	TBA	Guerra, J	ON LINE

Cooperative education courses require that you are either

1) actively employed

OR

2) Volunteering or participating in an internship

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

(Starts 01/04/2022, Ends 02/06/2022)

## Basic Skills

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

Developing English Composition Skills

Class No	Component	Start/End Time	Days	Instructor	Room
10849	LEC	8:00 am - 10:50 am	MTWTh	Cole, V L	ON LINE

GED Prep Part One (TABE E and M) - English

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

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

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

10850	LEC	8:00 am - 10:50 am	MTWTh	Franco, F	ON LINE
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GED Prep Part One (TABE D and A) - English

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

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

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

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

College And Scholastic Assessment Preparation

Class No	Component	Start/End Time	Days	Instructor	Room
10856	LEC	4:30 pm - 8:00 pm	MW	Lindsey, R D	ON LINE

Academic Connections - TEAS Reading Portion

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

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □ For more information, contact us at 213-763-3754.

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

11228	LEC	4:30 pm - 8:00 pm	T	Calderon, J	ON LINE
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Academic Connections - TEAS Math Portion

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

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Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □ For more information, contact us at 213-763-3754.

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

11453 LEC 4:30 pm - 8:00 pm Th Robles, M ON LINE  
Academic Connections - TEAS Science Portion  
This class is for students who are preparing for the TEAS (Test of Essential Academic Skills) Exam.

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □ For more information, contact us at 213-763-3754.

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

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

### Basic Math Skills

Class No	Component	Start/End Time	Days	Instructor	Room
10857	LEC	11:45 am - 12:55 pm	MTW	Padilla, J J	ON LINE

GED Prep Part One (TABE E and M) - Math

This class is for students preparing to complete the Math portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □

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

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

#### AND

10858 LAB 11:45 am - 2:25 pm Th Padilla, J J ON LINE  
And LAB 1:05 pm - 2:25 pm MTW Padilla, J J ON LINE  
GED Prep Part One (TABE E and M) - Math

This class is for students preparing to complete the Math portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □

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

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

10859 LEC 11:45 am - 12:55 pm MTW Mednik, M ON LINE  
GED Prep Part One (TABE D and A) - Math

This class is for students preparing to complete the Math portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □

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

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

#### AND

10860 LAB 11:45 am - 2:25 pm Th Mednik, M ON LINE  
And LAB 1:05 pm - 2:25 pm MTW Mednik, M ON LINE  
GED Prep Part One (TABE D and A) - Math

This class is for students preparing to complete the Math portion of the GED Test. Due to COVID 19 pandemic, this class will be conducted

remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □

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

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

## 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
11144	LEC	10:30 hrs/wk	TBA	Aguilar, J	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 01/04/2022, Ends 02/06/2022)

#### **AND**

11145	LAB	10:30 hrs/wk	TBA	Aguilar, J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Bldg Construction Techniques

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11060	LEC	6:00 pm - 9:20 pm	TW	Wagenbach, A J	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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.



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Class No	Component	Start/End Time	Days	Instructor	Room
10547	LEC	10:30 hrs/wk	TBA	Sonnier, G D	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 01/04/2022, Ends 02/06/2022)

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

#### Business Law I

Class No	Component	Start/End Time	Days	Instructor	Room
12009	LEC	9:00 am - 11:50 am	MTWTh	Gary, K L	C4-210

(Starts 01/04/2022, Ends 02/06/2022)

### 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
11091	LEC	6:50 hrs/wk	TBA	Wilson-Aus, A M	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 01/04/2022, Ends 02/06/2022)

#### AND

11092	LAB	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
11523	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 01/04/2022, Ends 02/06/2022)

## 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
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12378 LEC 7:00 am - 10:50 am MTW Wagenbach, A J E2-104  
(Starts 01/04/2022, Ends 02/06/2022)

12381 LEC 7:00 am - 10:50 am MTW Jordan, N C ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

### 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
10055	LEC	7:00 am - 1:30 pm	MT	Alvarez, J L	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

### 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
12377	LAB	7:00 am - 1:50 pm	WThF	Olszewski, J R	E2-105

In-Person Class.  
(Starts 01/04/2022, Ends 02/06/2022)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11546	LEC	7:00 am - 10:50 am	MTW	Blumenfeld, S	E2-136

(Starts 01/04/2022, Ends 02/06/2022)

12394 LEC 7:00 am - 10:50 am MTW Jordan, N C ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Chemistry

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

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

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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
11525	LEC	1:00 pm - 4:50 pm	MTWTh	Floruti, A R	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### AND

11526	LAB	5:00 pm - 7:50 pm	MTWTh	Floruti, A R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

10042	LEC	3:00 pm - 6:50 pm	MTWTh	Shukla Deo, C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### AND

10045	LAB	7:00 pm - 9:50 pm	MTWTh	Shukla Deo, C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

## 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
10523	LEC	8:00 am - 10:30 am	MTWTh	Lee, H	C4-324
10526	LAB	10:45 am - 4:15 pm	MTWTh	Lee, H	C4-466
11745	LEC	2:00 pm - 4:50 pm	MTWTh	Villena-Visi, M Z	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### AND

11746	LAB	4:50 pm - 9:15 pm	MTWThF	Villena-Visi, M Z	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### 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
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10536	LEC	2:00 pm - 4:50 pm	MTWTh	Acosta, M	C4-406
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(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10538	LAB	5:00 pm - 9:25 pm	MTWThF	Acosta, M	C4-466
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(Starts 01/04/2022, Ends 02/06/2022)

### 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
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10862	LEC	2:00 pm - 4:50 pm	MTWTh	Dhar, G	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10863	LAB	4:50 pm - 9:15 pm	MTWThF	Dhar, G	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

11854	LEC	2:00 pm - 4:50 pm	MTWTh	Shukla, B	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

# 2022 Winter SCHEDULE

# LA Trade-Technical College

(Starts 01/04/2022, Ends 02/06/2022)

## AND

11855      LAB                      4:50 pm - 9:15 pm                      MTWThF                      Shukla, B                      ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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
11103	LEC	2:00 pm - 4:50 pm	MTWTh	Diaz, M	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## AND Select One of the following:

11122      LAB                      5:00 pm - 9:25 pm                      MTWThF                      Diaz, M                      ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

11711      LAB                      5:00 pm - 9:25 pm                      MTWThF                      Truong, D C                      ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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
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## LA Trade-Technical College

11579 LEC 10:30 am - 1:20 pm MTWTh Patron, A C4-321  
(Starts 01/04/2022, Ends 02/06/2022)

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

**Enrollment Requirement:** Prerequisite: CH DEV 001  
TB clearance required

The student will explore the history of early childhood education as well as current philosophies and practices. Early Childhood programs will be observed and examined in relation to the needs of the child, the arrangement of the environment and the role of the teacher.

Class No	Component	Start/End Time	Days	Instructor	Room
12011	LEC	7:00 am - 9:50 am	MTWTh	Maina, R G	C4-222

(Starts 01/04/2022, Ends 02/06/2022)

### 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
10207	LEC	7:00 am - 9:30 am	MTWTh	Patron, A	C4-321

(Starts 01/04/2022, Ends 02/06/2022)

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11093	LEC	10:30 am - 1:00 pm	MTWTh	Maina, R G	C4-222

(Starts 01/04/2022, Ends 02/06/2022)

## 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

## 2022 Winter SCHEDULE

## LA Trade-Technical College

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
10397	LEC	6:00 pm - 8:30 pm	MTWTh	Mock, J C	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

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

(Starts 01/04/2022, Ends 02/06/2022)

10395	LEC	10:30 hrs/wk	TBA	Glavan, J J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### Community Plan/Economic Dev

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11560	LEC	10:00 am - 4:50 pm	Sa	Torres, B	ON LINE

Due to the COVID pandemic, this class will be held entirely remotely, any synchronous ZOOM sessions will occur during listed days/times.

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

(Starts 01/04/2022, Ends 02/06/2022)

### Computer Apps Office Tech

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10007	LEC	6:50 hrs/wk	TBA	Bailey, P	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 01/04/2022, Ends 02/06/2022)

<b>AND</b> 10009	LAB	10:30 hrs/wk	TBA	Bailey, P	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Computer Information Systems

### CIS 104- Microcomputer Application Software (UC/CSU) - 3 Units

Microcomputer Application Software

Class No	Component	Start/End Time	Days	Instructor	Room
11594	LEC	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE

Adding this class for Winter 2021

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

**AND**

11595	LAB	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Computer Science

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

Programming in C++

Class No	Component	Start/End Time	Days	Instructor	Room
11596	LEC	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE

Co Info 739 no longer exists. New class is CS 116

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

**AND**

11597	LAB	6:50 hrs/wk	TBA	Pakbaz, M	ON LINE
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Co Info 738 no longer exists New course name CS 116

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Coop Ed

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

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

Work Experience - General I

Class No	Component	Start/End Time	Days	Instructor	Room
12012	LEC	6:50 hrs/wk	TBA	Dam, M C	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 01/04/2022, Ends 02/06/2022)

## Cosmetology

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

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

Class	Component	Start/End Time	Days	Instructor	Room
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No	Component	Start/End Time	Days	Instructor	Room
10712	LEC	10:00 am - 12:45 pm	MTWTh	Ley, L G	B2-233
<small>(Starts 01/04/2022, Ends 02/06/2022)</small>					

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

**Enrollment Requirement:** Prerequisite: CSMTLGY 112 or BAR 114

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

Class No	Component	Start/End Time	Days	Instructor	Room
10077	LEC	7:30 am - 8:45 am	MTWTh	Botma, S M	B2-238
<small>This will be a synchronous class with some on ground and online components. (Starts 01/04/2022, Ends 02/06/2022)</small>					

**AND**

10080	LAB	9:00 am - 1:10 pm	MTWTh	Botma, S M	B2-238
<small>This will be a synchronous class with some on ground and online components. (Starts 01/04/2022, Ends 02/06/2022)</small>					

10064	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	B2-247
<small>(Starts 01/04/2022, Ends 02/06/2022)</small>					

**AND**

10068	LAB	5:30 pm - 9:40 pm	MTWTh	Young, C P	B2-247
<small>(Starts 01/04/2022, Ends 02/06/2022)</small>					

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

**Enrollment Requirement:** Prerequisite: CSMTLGY 112 or BAR 114

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

Class No	Component	Start/End Time	Days	Instructor	Room
10093	LEC	7:30 am - 8:45 am	MTWTh	Botma, S M	B2-238
<small>This will be a synchronous class with some on ground and online components. (Starts 01/04/2022, Ends 02/06/2022)</small>					

**AND**

10096	LAB	9:00 am - 1:10 pm	MTWTh	Botma, S M	B2-238
<small>This will be a synchronous class with some on ground and online components. (Starts 01/04/2022, Ends 02/06/2022)</small>					

10084	LEC	4:00 pm - 5:15 pm	MTWTh	Young, C P	B2-247
<small>(Starts 01/04/2022, Ends 02/06/2022)</small>					

**AND**

10088	LAB	5:30 pm - 9:40 pm	MTWTh	Young, C P	B2-247
<small>(Starts 01/04/2022, Ends 02/06/2022)</small>					

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

**Enrollment Requirement:** Prerequisite: CSMTLGY 112 or BAR 114

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

Class No	Component	Start/End Time	Days	Instructor	Room
10107	LEC	7:30 am - 8:45 am	MTWTh	STAFF, L	B2-238
<small>This will be a synchronous class with some on ground and online components. (Starts 01/04/2022, Ends 02/06/2022)</small>					

**AND**

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## LA Trade-Technical College

10113 LAB 9:00 am - 1:10 pm MTWTh STAFF, L B2-238

This will be a synchronous class with some on ground and online components.

(Starts 01/04/2022, Ends 02/06/2022)

10099 LEC 4:00 pm - 5:15 pm MTWTh Young, C P B2-247

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10104 LAB 5:30 pm - 9:35 pm MTWTh Young, C P B2-247

(Starts 01/04/2022, Ends 02/06/2022)

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

**Enrollment Requirement:** Prerequisite: CSMTLGY 112 or BAR 114

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

Class No	Component	Start/End Time	Days	Instructor	Room
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10131 LEC 7:30 am - 8:45 am MTWTh STAFF, L B2-247

This will be a synchronous class with some on ground and online components.

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10135 LAB 9:00 am - 1:10 pm MTWTh STAFF, L B2-247

This will be a synchronous class with some on ground and online components.

(Starts 01/04/2022, Ends 02/06/2022)

10119 LEC 4:00 pm - 5:15 pm MTWTh Young, C P B2-247

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10122 LAB 5:30 pm - 9:35 pm MTWTh Young, C P B2-247

(Starts 01/04/2022, Ends 02/06/2022)

### CSMTLGY 218- Long Hair And Period Hair Design And Hair Piece Construction (NDA) - 3 Units

The course will cover long hair styling, period hair designing and hair piece construction techniques.

Class No	Component	Start/End Time	Days	Instructor	Room
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12019 LEC 7:30 am - 9:20 am MTWTh Maine, M K B2-237

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

12020 LAB 9:45 am - 12:35 pm MTWTh Maine, M K B2-237

(Starts 01/04/2022, Ends 02/06/2022)

### CSMTLGY 223- Hair Sculpting Techniques For Women - 3 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
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11449 LEC 7:30 am - 9:20 am MTWTh Le, J M B2-128

This will be a synchronous class with some on ground and online components.

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

11450 LAB 9:45 am - 12:35 pm MTWTh Le, J M B2-128

This will be a synchronous class with some on ground and online components.

(Starts 01/04/2022, Ends 02/06/2022)

### Culinary Arts

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

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

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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
12026 (Starts 01/04/2022, Ends 02/06/2022)	LEC	8:00 am - 9:50 am	MTWTh	Vachon, J A	E3-210
<b>AND</b>					
12027 (Starts 01/04/2022, Ends 02/06/2022)	LAB	10:30 am - 4:20 pm	MTWTh	Vachon, J A	E3-210

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

This class discusses sanitation and safety as it applies to the restaurant industry; HACCP protocol, preventing 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
12028	LEC	7:05 hrs/wk	TBA	Pasin, C	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 01/04/2022, Ends 02/06/2022)

### 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 No	Component	Start/End Time	Days	Instructor	Room
12064 (Starts 01/04/2022, Ends 02/06/2022)	LEC	7:00 am - 9:50 am	MTWTh	Guerra, C	B1-210
<b>AND</b>					
12065 (Starts 01/04/2022, Ends 02/06/2022)	LAB	10:00 am - 12:50 pm	MTWTh	Guerra, C	B1-210

#### DIESLTK 921- Cooperative Education - Diesel 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 a Diesel Technology course or successfully completed a Diesel Technology course in a prior semester. Student must be employed or volunteering/interning in order to participate in program. \*Title 5, section 55253 states that a student may earn up to a maximum of 16 semester units or 24 quarter units of General & Occupational work experience education combined (Board Rule 6405.10).

Class No	Component	Start/End Time	Days	Instructor	Room
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11055    LEC                    6:50 hrs/wk                    TBA                    Guerra, J                    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 01/04/2022, Ends 02/06/2022)

### 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
11045	LEC	6:50 hrs/wk	TBA	Vulovich, N	ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

#### **AND**

11046    LAB                    6:50 hrs/wk                    TBA                    Vulovich, N                    ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

#### **DIGLMD 118- Image Manipulation For Multimedia (UC/CSU) - 3 Units**

Students will explore concepts and processes to enhance and alter images to develop more compelling compositions for multiple modalities in various formats. Course covers advanced Adobe Photoshop techniques that include the use of alpha channels, layers effects, and animation, as well as format changes for the various media types and aspect ratios.

Class No	Component	Start/End Time	Days	Instructor	Room
12022	LEC	8:00 am - 9:50 am	MTWTh	Guebely, G	D4-200

(Starts 01/04/2022, Ends 02/06/2022)

#### **AND**

12023    LAB                    10:00 am - 11:50 am                    MTWTh                    Guebely, G                    D4-200

(Starts 01/04/2022, Ends 02/06/2022)

### Economics

#### **ECON 001- Principles Of Economics I (UC/CSU) - 3 Units**

*Requirement Designation:*        *Meets IGETC 4B CSU D2*

**Enrollment Requirement:**    **Advisory: MATH 125**

Introductory course in the principles of microeconomic theory, including economic analysis of the firm and resource allocation; analysis of the laws of supply and demand; market structures of the American economy; price theory; current domestic economic problems.

Class No	Component	Start/End Time	Days	Instructor	Room
12010	LEC	10:30 hrs/wk	TBA	Ahmad, J	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 01/04/2022, Ends 02/06/2022)

### 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
10240	LEC	6:00 pm - 9:20 pm	TW	Castillo, M	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

11188	LEC	6:00 pm - 9:20 pm	WTh	Elarton-Selig, W D	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

1 of 40 Apprenticeship Program

(Starts 01/04/2022, Ends 02/06/2022)

## 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
10259	LEC	7:00 am - 10:35 am	MTW	Jackson, R E	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

12390	LEC	7:00 am - 10:50 am	MTW	Aguilar, A	E2-352
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(Starts 01/04/2022, Ends 02/06/2022)

10249	LEC	6:00 pm - 9:50 pm	MTW	Jackson, R E	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

12389	LEC	6:00 pm - 9:50 pm	MTW	Goluza, B	E2-351
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(Starts 01/04/2022, Ends 02/06/2022)

## 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
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# 2022 Winter SCHEDULE

# LA Trade-Technical College

10771 LAB 7:00 am - 11:15 am MTWThF Lester, J B E2-301  
(Starts 01/04/2022, Ends 02/06/2022)

12391 LAB 7:00 am - 12:50 pm MTWTh Robinson, D S ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

10263 LAB 5:30 pm - 9:45 pm MTWThF Ramirez, E D E2-301  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
10017	LEC	7:00 am - 10:50 am	MTW	Goluza, B	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

10019 LEC 1:00 pm - 4:50 pm MTW Nasrallah, G B ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

11059 LEC 6:00 pm - 9:50 pm MTW Maalouf, E N ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
10843	LEC	7:00 am - 10:50 am	MTW	Maroufkhani, F F	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

10844 LEC 6:00 pm - 9:50 pm MTW Maroufkhani, F F ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Electronics

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

## Introduction To Electronics

Class No	Component	Start/End Time	Days	Instructor	Room
10864	LEC	8:00 am - 12:05 pm	MTW	Zhang, M	ON LINE

Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
(Starts 01/04/2022, Ends 02/06/2022)

12074	LEC	6:00 pm - 8:50 pm	MTWTh	Botterud, S J	ON LINE
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Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.  
(Starts 01/04/2022, Ends 02/06/2022)

## Engineering, General

### ENG GEN 101- Introduction To Science, Engineering And Technology (UC/CSU) - 2 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
10866	LEC	9:00 am - 9:50 am	MTWTh	Navarro, A	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

#### AND

10867	LAB	10:15 am - 11:50 am	MTWTh	Navarro, A	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## English

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

English 72 is a complement to English 101. Students receive additional support to improve their analytical and composition skills necessary to meet English 101 standards. Emphasis is on the completion of written assignments and essays, library and research papers assigned in the concurrent English 101 course. Assistance is provided on pre-writing, drafting, and revising strategies, grammar and mechanics, critical thinking, and understanding reading-to-write strategies.

Class No	Component	Start/End Time	Days	Instructor	Room
11613	LAB	3:20 hrs/wk	TBA	Viliesid, C N	ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10564	LEC	11:35 am - 1:45 pm	TWTh	Cruz, C A	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10890	LAB	7:05 hrs/wk	TBA	Cruz, C A	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

**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
10623	LEC	8:35 am - 10:50 am	MW	Mancia, R A	F5-120
And	LEC	6:30 hrs/wk	TBA	Mancia, R A	ON LINE

This class will be offered in a hybrid format, which requires students to meet in-person, face-to-face with their instructor during the times shown AND to work online during the scheduled times and/or independently each week for the amount of TBA hours shown on schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

10934	LEC	11:00 am - 1:15 pm	MW	Mancia, R A	F5-120
And	LEC	6:30 hrs/wk	TBA		ON LINE

This class will be offered in a hybrid format, which requires students to meet in-person, face-to-face with their instructor during the times shown AND to work online during the scheduled times and/or independently each week for the amount of TBA hours shown on schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

10613	LEC	10:30 hrs/wk	TBA	Sowter, S V	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

10615	LEC	10:30 hrs/wk	TBA	Ajluni, A C	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)



## 2022 Winter SCHEDULE

## LA Trade-Technical College

10617    LEC                    10:30 hrs/wk                    TBA                    Shakir, R N                    ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

10621    LEC                    10:30 hrs/wk                    TBA                    Blake, G B                    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 01/04/2022, Ends 02/06/2022)

11094    LEC                    10:30 hrs/wk                    TBA                    Sowter, S V                    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 01/04/2022, Ends 02/06/2022)

11095    LEC                    10:30 hrs/wk                    TBA                    Viliesid, C N                    ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

### **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
10665	LEC	10:30 hrs/wk	TBA	Moreno, L M	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 01/04/2022, Ends 02/06/2022)

### **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
10677	LEC	10:30 hrs/wk	TBA	Shakir, R N	ON LINE

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

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

10678    LEC                    10:30 hrs/wk                    TBA                    Blake, G B                    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 01/04/2022, Ends 02/06/2022)

### **English As A Second Lan-Civics**

### **ESLVCVCS 013CE- Esl And Civics IV (Repeatable) - 0 Unit**

## EsI And Civics IV

Class No	Component	Start/End Time	Days	Instructor	Room
10915	LEC	11:00 am - 1:50 pm	MTWTh	Martinez, H	ON LINE

Academic Connections

This class is for students who wish to develop their English Language skills. .Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings.  Current schedule should be considered when selecting this class.

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

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

## English Second Language - NC

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

#### English As A Second Language - 0

Class No	Component	Start/End Time	Days	Instructor	Room
10851	LEC	8:00 am - 10:35 am	MTWTh	Javadyan, A	ON LINE

ESL NC-006CE - Beginning Level

This class is for students who wish to develop their English Language skills.All new students need to sign-up for an ESL NC Orientation.Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings.  Current schedule should be considered when selecting this class.

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

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

10852	LEC	6:00 pm - 8:35 pm	MTWTh	Ebersold, D	ON LINE
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ESL NC-006CE - Beginning Level

This class is for students who wish to develop their English Language skills.All new students need to sign-up for an ESL NC Orientation.Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings.  Current schedule should be considered when selecting this class.

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

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

### 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
10853	LEC	8:00 am - 10:35 am	MTWTh	Janvelyan, M	ON LINE

ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills.All new students need to sign-up for an ESL NC Orientation.Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings.  Current schedule should be considered when selecting this class.

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

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

10854 LEC 6:00 pm - 8:35 pm MTWTh Elgudin, L ON LINE  
ESL NC-007CE - Intermediate Level

This class is for students who wish to develop their English Language skills. All new students need to sign-up for an ESL NC Orientation. Due to COVID 19 pandemic, this class will be conducted remotely and online with REQUIRED virtual scheduled meetings. □ Current schedule should be considered when selecting this class. □

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

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

## Environmental Science

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

*Requirement Designation: Meets IGETC 5A CSU B1*

Introduction to Environmental Science

Class No	Component	Start/End Time	Days	Instructor	Room
11549	LEC	10:00 am - 12:50 pm	MTWTh	Briones Ortega, R	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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
11580	LAB	7:00 am - 11:30 am	TWTh	Alcala, C	D4-230

(Starts 01/04/2022, Ends 02/06/2022)

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
10897	LEC	5:10 hrs/wk	TBA	Siccardi, M	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 01/04/2022, Ends 02/06/2022)

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

This course will introduce design students to fabrications and their appropriate styling. Fabrics discussed will

## 2022 Winter SCHEDULE

## LA Trade-Technical College

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
10898	LEC	5:10 hrs/wk	TBA	Jackson, T R	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 01/04/2022, Ends 02/06/2022)

### 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
10139	LAB	7:00 am - 11:50 am	MTW	Jackson, T R	D4-332

(Starts 01/04/2022, Ends 02/06/2022)

### 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
12066	LAB	7:00 am - 11:25 am	MTWThF	STAFF, L	D4-205

(Starts 01/04/2022, Ends 02/06/2022)

### 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
12067	LAB	7:00 am - 10:50 am	MTW	Duarte, A S	D4-132

(Starts 01/04/2022, Ends 02/06/2022)

### FASHDSN 270- Illustrator For Fashion Design - 2 Units

This computer sketching course focuses on the fundamental options to illustrate garments, and fabrics for clothing and accessory presentations based on current global fashion industry technology standards.

Class No	Component	Start/End Time	Days	Instructor	Room
10146	LAB	3:00 pm - 7:15 pm	MTWThF	STAFF, L	D4-203

(Starts 01/04/2022, Ends 02/06/2022)

**Fashion Merchandising**

**FASHMER 035- Fashion Promotion (CSU) - 3 Units**

This course covers the promotional aspects of the retail fashion industry. Emphasis is given to the processes of fashion communication and how they connect company profit and performance with skillful and creative promotional strategies. Sales promotion, advertising formats, public relations, and direct marketing are presented.

Class No	Component	Start/End Time	Days	Instructor	Room
12098	LEC	10:30 hrs/wk	TBA	Dwyer, N	ON LINE

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

**Health**

**HEALTH 012- Safety Education And First Aid (UC/CSU) - 3 Units**

Students learn the theory and application of first aid care of the injured. Students will practice victim condition assessment and incorporate treatment procedures. Standard first aid, CPR, and AED certification(s) are granted upon successful completion of course requirements.

Class No	Component	Start/End Time	Days	Instructor	Room
12008	LEC	9:00 am - 11:30 am	Th	STAFF, L	B1-215
And	LEC	7:50 hrs/wk	TBA	Delzeit-McIntyre, L D	ON LINE

This class will be offered in a hybrid format, which requires students to meet in-person, face-to-face with their instructor during the times shown AND to work online during the scheduled times and/or independently each week for the amount of TBA hours shown on schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

**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
10504	LEC	10:10 am - 1:00 pm	MTWTh	Rodriquez Estrada, A I	F5-201

(Starts 01/04/2022, Ends 02/06/2022)

10792	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

**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

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Class No	Component	Start/End Time	Days	Instructor	Room
10861	LEC	10:30 hrs/wk	TBA	Rodriquez Estrada, A I	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 01/04/2022, Ends 02/06/2022)

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

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

**Enrollment Requirement:** Advisory: ENGLISH 101

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

Class No	Component	Start/End Time	Days	Instructor	Room
10563	LEC	10:30 hrs/wk	TBA	Martinez, M E	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 01/04/2022, Ends 02/06/2022)

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

*Requirement Designation:* Meets IGETC 4F CSU D6

**Enrollment Requirement:** Advisory: ENGLISH 101

Introduction To World Civilization I

Class No	Component	Start/End Time	Days	Instructor	Room
11102	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE

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

This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## Humanities

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

*Requirement Designation:* Meets IGETC 3B CSU C2

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

Class No	Component	Start/End Time	Days	Instructor	Room
10083	LEC	7:00 am - 9:50 am	MTWTh	Armstrong, A E	ON LINE

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

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10869    LEC                    10:30 hrs/wk                    TBA                    Abdul-Mu'min, J                    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 01/04/2022, Ends 02/06/2022)

## Kinesiology

### KIN 329-1- Body Conditioning I (UC/CSU) - 1 Unit

**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

This introductory course provides students with the opportunity to learn and participate in a variety of exercises for increasing cardiovascular fitness, muscular strength, and flexibility.

Class No	Component	Start/End Time	Days	Instructor	Room
12007	LAB	10:30 hrs/wk	TBA	Lagos, D R	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 01/04/2022, Ends 02/06/2022)

### 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
12467	LAB	10:30 hrs/wk	TBA	Lagos, D R	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 01/04/2022, Ends 02/06/2022)

### 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
11464	LAB	10:30 hrs/wk	TBA	Lagos, D R	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 01/04/2022, Ends 02/06/2022)

### 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
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## 2022 Winter SCHEDULE

## LA Trade-Technical College

11465    LAB                    10:30 hrs/wk                    TBA                    Lagos, D R                    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 01/04/2022, Ends 02/06/2022)

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

*Requirement Designation:*        *Meets CSU E*

**Enrollment Requirement:**    Maximum of 4 enrollments in Kinesiology family

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

Class No	Component	Start/End Time	Days	Instructor	Room
11466	LAB	10:30 hrs/wk	TBA	Lagos, D R	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 01/04/2022, Ends 02/06/2022)

### **Kinesiology Athletics**

### **KIN ATH 552- Intercollegiate Sports-Conditioning & Skills Training (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
12680	LAB	2:00 pm - 4:50 pm	MTWTh	Morgan, S A	G2-100

(Starts 01/04/2022, Ends 02/06/2022)

12681    LAB                    4:40 pm - 7:30 pm                    MTWTh                    Morgan, S A                    G2-100

(Starts 01/04/2022, Ends 02/06/2022)

### **Kinesiology Major**

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11463	LEC	10:30 hrs/wk	TBA	Ratcliff, J E	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 01/04/2022, Ends 02/06/2022)

### **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.



## 2022 Winter SCHEDULE

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
11087	LEC	10:30 hrs/wk	TBA	Ratcliff, J E	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 01/04/2022, Ends 02/06/2022)

### Labor Studies

#### 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
11558	LEC	10:30 hrs/wk	TBA	Wills, E R	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 01/04/2022, Ends 02/06/2022)

#### LABR ST 105- Grievance Handling Skills (CSU) - 1 Unit

Students will learn how to handle disciplinary and contract interpretation grievance cases, including: investigating, documenting evidence, writing grievances, evaluating cases and settlement techniques, just cause, Weingarten Rights, and duty of fair representation.

Class No	Component	Start/End Time	Days	Instructor	Room
12484	LEC	8:30 am - 5:20 pm	Sa	Zigman, L M	F5-221

(Starts 01/29/2022, Ends 02/05/2022)

#### LABR ST 127- Worker'S Compensation (CSU) (RPT 1) - 1 Unit

The course provides a basic understanding of how Workers Compensation works, including: types of injuries and disability benefits, medical care, rehabilitation and financial support; and procedures for filing a claim and appeals.

Class No	Component	Start/End Time	Days	Instructor	Room
12638	LEC	8:30 am - 5:20 pm	SaSu	Ford, S T	TEAM1932

Class is held off campus in San Bernardino @ 433 N, Sierra Way, 92410

(Starts 01/08/2022, Ends 01/09/2022)

### Library Science

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11459	LEC	3:20 hrs/wk	TBA	King, R M	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 01/04/2022, Ends 02/06/2022)

**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
10868	LEC	10:30 hrs/wk	TBA	Mcintosh, A U	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 01/04/2022, Ends 02/06/2022)

**Manufacturing-Industrial Tech****MIT 220- Introduction To Robotics (CSU) - 3 Units**

Introduction To Robotics

Class No	Component	Start/End Time	Days	Instructor	Room
12482	LEC	5:00 pm - 6:50 pm	MTWTh	Shibuya, S T	B1-164C

\*\*\*This class will meet in-person at LATTTC. Please see schedule of classes for details.\*\*\*

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

12483	LAB	7:00 pm - 8:50 pm	MTWTh	Shibuya, S T	B1-164
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\*\*\*This class will meet in-person at LATTTC. Please see schedule of classes for details.\*\*\*

(Starts 01/04/2022, Ends 02/06/2022)

**Mathematics****MATH 125- Intermediate Algebra - 5 Units**

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

Class No	Component	Start/End Time	Days	Instructor	Room
11582	LEC	7:00 am - 10:40 am	MTWThF	Dominguez, C C	F5-308

All course materials will be provided to students digitally and free of cost.

(Starts 01/04/2022, Ends 02/06/2022)

11583	LEC	9:40 am - 1:20 pm	MTWThF	Meftagh, T S	F5-406
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All course materials will be provided digitally to students free of cost.

(Starts 01/04/2022, Ends 02/06/2022)

11584	LEC	11:00 am - 2:40 pm	MTWThF	Lopez, A E	F5-410
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All course materials will be provided to students digitally and free of cost.

(Starts 01/04/2022, Ends 02/06/2022)

11585	LEC	5:00 pm - 8:40 pm	MTWThF	Lam, K H	F5-310
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All course materials will be provided to students digitally and free of cost.

(Starts 01/04/2022, Ends 02/06/2022)

**MATH 137- Pre-Statistics Algebra - 5 Units****Enrollment Requirement:** Advisory: MATH 110 or 112

Math 137 is a prerequisite solely for Math 227. It is an introduction to the concepts of algebra and basic elements of exploratory data analysis. Topics include arithmetic operations with signed numbers, properties of real numbers, algebraic expressions, solving linear equations and inequalities, graphing linear equations and inequalities in two variables, solving systems of linear equations and inequalities, exponents, polynomials, factoring, rational expressions, roots, radicals, methods of solving quadratic equations, solving a variety of word problems, data analysis, sample statistics and graphs, measures of central tendency and spread, probability, and exponential and logarithmic functions.

Class No	Component	Start/End Time	Days	Instructor	Room
11097 (Starts 01/04/2022, Ends 02/06/2022)	LEC	7:00 am - 10:40 am	MTWThF	Harutyunyan, A	F5-306
11096 (Starts 01/04/2022, Ends 02/06/2022)	LEC	4:00 pm - 7:40 pm	MTWThF	Fong, P	F5-306

**MATH 227S- Statistics with Support (UC/CSU) - 4 Units****Requirement Designation:** Meets IGETC 2A CSU B4**Enrollment Requirement:** Prerequisite: MATH 125 or MATH 125S or MATH 132 or placement in M1, M2, M5, M6, or M9

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

Class No	Component	Start/End Time	Days	Instructor	Room
11112 (Starts 01/04/2022, Ends 02/06/2022)	LEC	7:00 am - 9:50 am	MTWThF	Simpson-Rodgers, N	F5-413
<b>AND</b>					
11113 (Starts 01/04/2022, Ends 02/06/2022)	LAB	9:50 am - 11:00 am	MTW	Simpson-Rodgers, N	F5-413
11114 (Starts 01/04/2022, Ends 02/06/2022)	LEC	12:30 pm - 3:05 pm	MTWThF	Hersi, A F	F5-413
<b>AND</b>					
11118 (Starts 01/04/2022, Ends 02/06/2022)	LAB	3:10 pm - 4:20 pm	MTW	Hersi, A F	F5-413
11116 (Starts 01/04/2022, Ends 02/06/2022)	LEC	4:00 pm - 6:50 pm	MTWThF	Kim, A Y	F5-308
<b>AND</b>					
11117 (Starts 01/04/2022, Ends 02/06/2022)	LAB	6:50 pm - 7:55 pm	MTW	Kim, A Y	F5-308

**MATH 260- Precalculus (UC/CSU) - 5 Units****Requirement Designation:** Meets IGETC 2A CSU B4**Enrollment Requirement:** Prerequisite: MATH 240 or 241S or equivalent or placement in M1 or M2

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

functions; inverse trigonometry; and trigonometric equations and identities.

Class No	Component	Start/End Time	Days	Instructor	Room
11098	LEC	11:00 am - 2:40 pm	MTWThF	Maheta-Wells, P	F5-310

(Starts 01/04/2022, Ends 02/06/2022)

## 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
11489	LEC	10:30 hrs/wk	TBA	Kwon, B W	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 01/04/2022, Ends 02/06/2022)

11490	LEC	10:30 hrs/wk	TBA	Wachs, M B	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
12021	LEC	8:00 am - 12:05 pm	TWF	Ashby, C M	B3-207

28 of 28 LATTTC Nursing Program  
(Starts 01/04/2022, Ends 02/06/2022)

## 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
11492	LEC	10:30 hrs/wk	TBA	Waters, F G	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 01/04/2022, Ends 02/06/2022)

## Physics

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

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

**Enrollment Requirement:** Prerequisite: MATH 240

This is the first course of a two semester sequence and considers the fundamental principles and applications of classical mechanics, gravitation, thermodynamics, fluids, periodic motion and waves at the

algebra/trigonometry level of mathematical sophistication. The laboratory includes both quantitative and qualitative experiments which permit students to verify, illustrate, and deduce various laws of physics.

Class No	Component	Start/End Time	Days	Instructor	Room
10145	LEC	4:00 pm - 6:50 pm	MTWTh	Shirvanian, R	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

10150	LAB	7:00 pm - 9:50 pm	MTWTh	De, R	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

## 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
11065	LEC	10:00 am - 12:30 pm	MTWTh	Klee, V	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

**AND**

11066	LAB	12:40 pm - 6:05 pm	MTWTh	Klee, V	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

## 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
12387	LEC	6:00 pm - 9:50 pm	MTW	Slade, T W	E2-222

(Starts 01/04/2022, Ends 02/06/2022)

12388	LEC	6:00 pm - 9:50 pm	MTW	Jones, L	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### 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
11547	LEC	7:00 am - 10:20 am	TWTh	Jones, L	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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
11063	LEC	6:00 pm - 9:20 pm	TWTh	Galvan, W M	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## 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
10434	LEC	6:00 pm - 8:50 pm	MTWTh	Fletcher, L L	F5-201

(Starts 01/04/2022, Ends 02/06/2022)

10759	LEC	10:30 hrs/wk	TBA	Vaden, B D	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### POL SCI 002- Introduction to Comparative Politics (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4H CSU D8*

Introduction to Comparative Politics

Class No	Component	Start/End Time	Days	Instructor	Room
11159	LEC	10:30 hrs/wk	TBA	Wang, P Y	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 01/04/2022, Ends 02/06/2022)

## 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

## 2022 Winter SCHEDULE

## LA Trade-Technical College

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
10599 (Starts 01/04/2022, Ends 02/06/2022)	LEC	9:40 am - 12:30 pm	MTWTh	Essex, R W	F5-208

10597	LEC	10:30 hrs/wk	TBA	Bentley, M J	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.  
(Starts 01/04/2022, Ends 02/06/2022)

### 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
11177	LEC	9:40 am - 12:30 pm	MTWTh	Bevacqua, A E	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

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

*Requirement Designation:* Meets CSU E

**Enrollment Requirement:** Prerequisite: PSYCH 001

Advisory: ENGLISH 100

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

Class No	Component	Start/End Time	Days	Instructor	Room
11668	LEC	10:30 hrs/wk	TBA	Koritzke, L 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 01/04/2022, Ends 02/06/2022)

### Refrig & Air Condition Mechan

#### REF A/C 187- Servicing I - 3 Units

This course reviews servicing procedures, manufacturer's recommendations, installation and servicing of

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commercial and industrial refrigeration and air conditioning systems.

Class No	Component	Start/End Time	Days	Instructor	Room
12385	LEC	6:00 pm - 9:20 pm	TWTh	Needham, M R	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### 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
10184	LEC	6:00 pm - 9:20 pm	TWTh	Stirbis, N D	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### 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
11157	LEC	14:10 hrs/wk	TBA	Cioffi, G	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 01/04/2022, Ends 02/06/2022)

## 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
10416	LEC	8:00 am - 10:50 am	MTWTh	Edwards, R L	F5-313

(Starts 01/04/2022, Ends 02/06/2022)

10425	LEC	10:30 hrs/wk	TBA	Demorst, L	ON LINE
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This class requires students to work online independently each week for the amount of TBA time shown in addition to completing assignments.

(Starts 01/04/2022, Ends 02/06/2022)

### SOC 002- American Social Problems (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4J CSU D0*

American Social Problems

Class	Component	Start/End Time	Days	Instructor	Room
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No	Component	Start/End Time	Days	Instructor	Room
11099	LEC	10:30 hrs/wk	TBA	Garcia, J A	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 01/04/2022, Ends 02/06/2022)

## SOC 011- Race And Ethnic Relations (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4 CSU D*

### Race And Ethnic Relations

Class No	Component	Start/End Time	Days	Instructor	Room
12513	LEC	10:30 am - 1:20 pm	MTWTh	Williams, K L	F5-210

(Starts 01/04/2022, Ends 02/06/2022)

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

*Requirement Designation: Meets IGETC 4 CSU D*

### Sociology Of Gender

Class No	Component	Start/End Time	Days	Instructor	Room
12514	LEC	10:30 hrs/wk	TBA	Washington, D K	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 01/04/2022, Ends 02/06/2022)

## 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
11524	LEC	9:30 am - 1:05 pm	MTWThF	Quinones, H C	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

## Supervised Learning Assistance

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

#### Supervised Tutoring

Class No	Component	Start/End Time	Days	Instructor	Room
10946	LAB			Cole, V L	D3-109

Free Tutoring Services available to Gain/CalWorks students.

(Starts 01/05/2022, Ends 02/06/2022)

## 2022 Winter SCHEDULE

## LA Trade-Technical College

10952 LAB Morales, L D3-109  
ALAS  
(Starts 01/24/2022, Ends 02/06/2022)

10945 LAB 23:50 hrs/wk TBA Cole, V L D3-109  
Free Tutoring Services available to all students enrolled at LATTC.  
(Starts 01/05/2022, Ends 02/06/2022)

### 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
11548	LEC	6:00 pm - 9:35 pm	MTW	Kallo, J S	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

#### WATER 102- Calculations And Measurement For Water Technology Programs - 3 Units

This course covers the basic math skills needed to perform in the supply & waster water fields. Emphasis is placed on the basic operations and how they are applied to the industry. Measurement calculations will be performed in both standard and metric measurements.

Class No	Component	Start/End Time	Days	Instructor	Room
10960	LEC	6:00 pm - 9:20 pm	ThFSa	Kallo, J S	ON LINE

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

(Starts 01/04/2022, Ends 02/06/2022)

### Visual Communications

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
11482	LEC	8:00 am - 10:10 am	MTW	Rodriguez, C J	D4-330

(Starts 01/04/2022, Ends 02/06/2022)

#### VISCOM 129- Digital Photo Manipulation - 2 Units

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

Class No	Component	Start/End Time	Days	Instructor	Room
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## 2022 Winter SCHEDULE

## LA Trade-Technical College

12024    LAB                    8:00 am - 11:35 am                    MTWThF                    Lepe, S A                    D4-302  
(Starts 01/04/2022, Ends 02/06/2022)

### Welding Gas And Electric

#### WELDG/E 201- Tungsten Arc Welding I (NDA) - 2 Units

This course is designed to provide students with basic performance qualification skills in Gas Tungsten Arc Welding (TIG) needed for employment in the modern manufacturing industry. This course follows AWS standardized curriculum leading to students performance qualifications to the AWS Specifications for Fusion Welding for Aerospace Applications.

Class No	Component	Start/End Time	Days	Instructor	Room
12375	LAB	7:00 am - 12:15 pm	MTWThF	Legohn, L M	B1-156

In-person class.  
(Starts 01/04/2022, Ends 02/06/2022)