

2022 Winter SCHEDULE

LA Trade-Technical College

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

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

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

Class No	Component	Start/End Time	Days	Instructor	Room
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@latc.edu

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

Basic Skills

BSICSKL 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

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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.

BSICKSL 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.

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
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Academic Connections - TEAS Science Portion

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

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

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

BSICKSL 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.

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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

As of Date 12/06/2021

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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.

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 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).

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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
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 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
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
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 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
10862	LEC	2:00 pm - 4:50 pm	MTWTh	Dhar, G	ON LINE

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

(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.

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

AND

11855	LAB	4:50 pm - 9:15 pm	MTWThF	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.

(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

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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
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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)

11711	LAB	5:00 pm - 9:25 pm	MTWThF	Truong, D C	ON LINE
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This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.

(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 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.

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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)

AND

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

(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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As of Date 12/06/2021

2022 Winter SCHEDULE

LA Trade-Technical College

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)

Culinary Arts

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 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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2022 Winter SCHEDULE

LA Trade-Technical College

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)

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)

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)

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

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)

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	Goluzza, 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

EsL 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.

2022 Winter SCHEDULE

LA Trade-Technical College

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 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 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)

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
10792	LEC	10:30 hrs/wk	TBA	Bird, B 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)

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

2022 Winter SCHEDULE

LA Trade-Technical College

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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LA Trade-Technical College

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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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 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.

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)

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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)

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)

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)

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LA Trade-Technical College

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
12388	LEC	6:00 pm - 9:50 pm	MTW	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 028- Plumbing Code I - 3 Units

Introduction is given in plumbing codes and ordinances that affect rough-in work, in city and county areas.

As of Date 12/06/2021

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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
10759	LEC	10:30 hrs/wk	TBA	Vaden, B 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)

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

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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
10597	LEC	10:30 hrs/wk	TBA	Bentley, M 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)

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
10425	LEC	10:30 hrs/wk	TBA	Demorst, 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)

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 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)

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)

