

2021 Summer SCHEDULE

LA Trade-Technical College

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

Anthropology

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

Requirement Designation: Meets IGETC 5B CSU B2

Enrollment Requirement: Advisory: ENGLISH 028

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

14725	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 07/19/2021, Ends 08/22/2021)

Art

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

Requirement Designation: Meets IGETC 3A CSU C1

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

13948	LEC	7:00 am - 9:25 am	MTWTh	Mann, 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 07/19/2021, Ends 08/22/2021)

10211	LEC	10:30 hrs/wk	TBA	Eoff, R 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 07/19/2021, Ends 08/22/2021)

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.

10268	LEC	4:00 pm - 6:25 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 07/19/2021, Ends 08/22/2021)

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

Requirement Designation: Meets IGETC 5C CSU B3

Enrollment Requirement: Corequisite: ASTRON 001

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

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

11453	LAB	6:35 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 07/19/2021, Ends 08/22/2021)

Automotive Mechanics Tech

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

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

11178	LEC	7:00 am - 7:50 am	MTWTh	Taba, R A	B1-130
-------	-----	-------------------	-------	-----------	--------

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

(Starts 07/19/2021, Ends 08/22/2021)

AND

10424	LAB	8:00 am - 1:10 pm	MTWTh	Taba, R A	B1-130
-------	-----	-------------------	-------	-----------	--------

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

(Starts 07/19/2021, Ends 08/22/2021)

Basic Skills

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

Developing English Composition Skills

11683	LEC	11:00 am - 1:25 pm	MTWTh	Acklin, 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.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 07/19/2021, Ends 08/22/2021)

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

College And Scholastic Assessment Preparation

11735	LEC	2:00 pm - 3:30 pm	MTWTh	Robles, 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.

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 07/19/2021, Ends 08/22/2021)

13941	LEC	4:30 pm - 8:30 pm	MW	Brown, W 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.

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 07/19/2021, Ends 08/22/2021)

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

13943	LEC	4:30 pm - 8:30 pm	T	Robles, 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.

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 07/19/2021, Ends 08/22/2021)

13944	LEC	4:30 pm - 8:30 pm	Th	Calderon, 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 07/19/2021, Ends 08/22/2021)

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

Basic Math Skills

11691	LEC	8:00 am - 9:30 am	MT	Cuellar, 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.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 07/19/2021, Ends 08/22/2021)

AND

11692	LAB	8:00 am - 10:25 am	WTh	STAFF, L	D3-109A-1
And	LAB	9:40 am - 10:25 am	MT	Cuellar, 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.

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.

(Starts 07/19/2021, Ends 08/22/2021)

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

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

15394	LEC	7:50 am - 9:05 am	MT	Velasquez, M	ON LINE
-------	-----	-------------------	----	--------------	---------

[Partnerships]

Edward Roybal Learning Complex Parent Center

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.

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

(Starts 07/19/2021, Ends 08/29/2021)

AND

15395	LAB	7:50 am - 10:05 am	WTh	Velasquez, M	ON LINE
And	LAB	9:15 am - 10:05 am	MT	Velasquez, M	ON LINE

[Partnerships]

Edward Roybal Learning Complex Parent Center

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.

2021 Summer SCHEDULE

LA Trade-Technical College

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

For more information, contact us at 213-763-3754.
(Starts 07/19/2021, Ends 08/29/2021)

15390	LEC	11:00 am - 12:30 pm	MW	Martinez, H	ON LINE
-------	-----	---------------------	----	-------------	---------

[Partnerships]
Edison Middle School Parent Center

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.
For more information, contact us at 213-763-3754.
(Starts 07/19/2021, Ends 08/22/2021)

AND

15393	LAB	11:00 am - 1:30 pm	TTh	Martinez, H	ON LINE
And	LAB	12:40 pm - 1:30 pm	MW	Martinez, H	ON LINE

[Partnerships]
Edison Middle School Parent Center

Enrollment and participation open to all students. Due to the COVID-19 pandemic, this class will be conducted remotely and online.
For more information, contact us at 213-763-3754.
(Starts 07/19/2021, Ends 08/22/2021)

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.

11342	LEC	10:30 hrs/wk	TBA	Gbonegun, O 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 07/19/2021, Ends 08/22/2021)

AND

11343	LAB	8:00 am - 10:25 am	MTWTh	Gbonegun, O 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 07/19/2021, Ends 08/22/2021)

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
----------	-----------	----------------	------	------------	------

11713	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 07/19/2021, Ends 08/22/2021)

COUNSELING

COUNSEL 004- Career Planning (CSU) - 1 Unit

Designed to assist students in choosing a major or career. Students will explore their interests, skills, personality type and values through the use of career assessments and on-line resources. Students will access information regarding occupational characteristics, employment trends and labor market updates. Emphasis will be placed on the development of a student educational plan (SEP).

13828	LEC	3:20 hrs/wk	TBA	Hopper, M 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 07/19/2021, Ends 08/22/2021)

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).

14320	LEC	9:00 am - 11:05 am	MTWTh	Olguin, S	ON LINE
-------	-----	--------------------	-------	-----------	---------

This class is reserved for LACP Students entering the Liberal Arts/Undecided pathway. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14319	LEC	9:00 am - 11:05 am	MTWTh	Romero, D	ON LINE
-------	-----	--------------------	-------	-----------	---------

This class is reserved for LACP Students entering the BCE pathway in the fall. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14321	LEC	9:00 am - 11:05 am	MTWTh	Senachai, G D	ON LINE
-------	-----	--------------------	-------	---------------	---------

This class is reserved for LACP Students entering the Lib Arts/Undecided pathway. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14318	LEC	9:00 am - 11:05 am	MTWTh	Godoy, N	ON LINE
-------	-----	--------------------	-------	----------	---------

This class is reserved for LACP Students entering the CMU pathway in the fall. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

2021 Summer SCHEDULE

LA Trade-Technical College

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14323	LEC	9:00 am - 11:05 am	MTWTh	Braxton, P D	ON LINE
-------	-----	--------------------	-------	--------------	---------

This class is reserved for LA College Promise Students entering the Health and Related Sciences/Applied Sciences pathway. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14317	LEC	9:00 am - 11:05 am	MTWTh	Nava, 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.

This class is reserved for LACP Students entering the CMU pathway in the fall. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14322	LEC	9:00 am - 11:05 am	MTWTh	Barajas, B	ON LINE
-------	-----	--------------------	-------	------------	---------

This class is reserved for LA College Promise Students entering the Culinary Arts/Cosmo pathway. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

14316	LEC	9:00 am - 11:05 am	MTWTh	Martin, J M	ON LINE
-------	-----	--------------------	-------	-------------	---------

This class is reserved for LACP Students entering the ATM/DMA pathway in the fall. If you are interested in the LATTTC Promise program, please contact program coordinator, Sylvia Ibarra at ibarras@lattc.edu.

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

40 of 40 LA College Promise
(Starts 07/19/2021, Ends 08/15/2021)

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

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

10643	LEC	9:35 am - 12:00 pm	MTWTh	Skinner, K 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.

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

2021 Summer SCHEDULE

LA Trade-Technical College

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

(Starts 07/19/2021, Ends 08/22/2021)

12404	LEC	10:15 am - 12:40 pm	MTWTh	Hermosillo, A M	ON LINE
-------	-----	---------------------	-------	-----------------	---------

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

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 07/19/2021, Ends 08/22/2021)

11485	LEC	10:30 hrs/wk	TBA	Salmons, 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 07/19/2021, Ends 08/22/2021)

Chemistry

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

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

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

12737	LEC	10:35 am - 1:55 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 07/19/2021, Ends 08/22/2021)

AND

12738	LAB	8:00 am - 10:25 am	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 07/19/2021, Ends 08/22/2021)

12739	LEC	8:00 am - 11:20 am	MTWTh	Shukla Deo, 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 07/19/2021, Ends 08/22/2021)

AND

12740	LAB	11:35 am - 2:00 pm	MTWTh	Shukla Deo, 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 07/19/2021, Ends 08/22/2021)

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

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

Enrollment Requirement: Prerequisite: MATH 125

2021 Summer SCHEDULE

LA Trade-Technical College

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

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.

12351	LEC	8:00 am - 10:25 am	MTWTh	Lee, H	ON LINE
-------	-----	--------------------	-------	--------	---------

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

(Starts 07/19/2021, Ends 08/22/2021)

AND

12352	LAB	10:40 am - 3:50 pm	MTWTh	Lee, H	ON LINE
-------	-----	--------------------	-------	--------	---------

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

(Starts 07/19/2021, Ends 08/22/2021)

13155	LEC	2:00 pm - 4:25 pm	MTWTh	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 07/19/2021, Ends 08/22/2021)

AND

13156	LAB	4:35 pm - 9:45 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 07/19/2021, Ends 08/22/2021)

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.

11540	LEC	7:00 am - 9:25 am	MTWTh	Acosta, 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 07/19/2021, Ends 08/22/2021)

AND Select One of the following:

11541	LAB	9:35 am - 2:45 pm	MTWTh	Acosta, 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 07/19/2021, Ends 08/22/2021)

13194	LAB	9:35 am - 2:45 pm	MTWTh	Babajide, R 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 07/19/2021, Ends 08/22/2021)

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

12930	LEC	2:00 pm - 4:25 pm	MTWTh	Harper Delupio, R 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 07/19/2021, Ends 08/22/2021)

AND Select One of the following:

12931	LAB	4:35 pm - 9:45 pm	MTWTh	Harper Delupio, R 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 07/19/2021, Ends 08/22/2021)

15351	LAB	4:35 pm - 9:45 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 07/19/2021, Ends 08/22/2021)

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.

12916	LEC	2:00 pm - 4:25 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 07/19/2021, Ends 08/22/2021)

AND

12917	LAB	4:35 pm - 9:45 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 07/19/2021, Ends 08/22/2021)

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

2021 Summer SCHEDULE

LA Trade-Technical College

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

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.

11247	LEC	2:00 pm - 4:25 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 07/19/2021, Ends 08/22/2021)

AND Select One of the following:

11248	LAB	4:35 pm - 9:45 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 07/19/2021, Ends 08/22/2021)

12993	LAB	4:35 pm - 9:45 pm	MTWTh	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 07/19/2021, Ends 08/22/2021)

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.

11271	LEC	6:00 pm - 8:25 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 07/19/2021, Ends 08/22/2021)

10709	LEC	10:30 hrs/wk	TBA	McDermott, D 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 07/19/2021, Ends 08/22/2021)

10713	LEC	10:30 hrs/wk	TBA	McDermott, D 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 07/19/2021, Ends 08/22/2021)

Community Plan/Economic Dev

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

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

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

14374	LEC	9:00 am - 12:20 pm	Sa	Torres, 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 07/24/2021, Ends 08/21/2021)

Culinary Arts

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

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

12138	LEC	7:00 am - 10:20 am	ThF	Spence, R T	ON LINE
-------	-----	--------------------	-----	-------------	---------

This class requires students to be online and interacting with their instructor during the times shown in class schedule in addition to completing assignments.
(Starts 07/19/2021, Ends 08/22/2021)

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.

14410	LEC	2:00 pm - 2:45 pm	MTWTh	Hernandez, 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 07/19/2021, Ends 08/22/2021)

AND

14411	LAB	3:00 pm - 4:30 pm	MTWTh	Hernandez, 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 07/19/2021, Ends 08/22/2021)

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.

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

Assistance is provided on pre-writing, drafting, and revising strategies, grammar and mechanics, critical thinking, and understanding reading-to-write strategies.

13391	LAB	6:00 pm - 7:30 pm	TTh	Dolan, T 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 07/19/2021, Ends 08/22/2021)

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.

12718	LEC	6:50 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 07/19/2021, Ends 08/22/2021)

AND

12719	LAB	4:00 pm - 7:20 pm	TTh	Blake, 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 07/19/2021, Ends 08/22/2021)

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.

12716	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 07/19/2021, Ends 08/22/2021)

11553	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 07/19/2021, Ends 08/22/2021)

13250	LEC	10:30 hrs/wk	TBA	Dolan, T 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 07/19/2021, Ends 08/22/2021)

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

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

strategies with a minimum of 10,000 words of student writing submitted over the semester.

13105	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 07/19/2021, Ends 08/22/2021)

15204	LEC	10:30 hrs/wk	TBA	Moreno, L 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 07/19/2021, Ends 08/22/2021)

12801	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 07/19/2021, Ends 08/22/2021)

English Second Language - NC

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

English As A Second Language - 0

11696	LEC	8:30 am - 10:55 am	MTWTh	Kouznetsova, O P	ON LINE
-------	-----	--------------------	-------	------------------	---------

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

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 07/19/2021, Ends 08/22/2021)

13065	LEC	6:00 pm - 8:25 pm	MTWTh	Porter, A 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.

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 07/19/2021, Ends 08/22/2021)

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

English As A Second Language - I

12364	LEC	8:30 am - 10:55 am	MTWTh	STAFF, 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 07/19/2021, Ends 08/22/2021)

13178	LEC	6:00 pm - 8:25 pm	MTWTh	Meiojas, 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.

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 07/19/2021, Ends 08/22/2021)

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

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

English As A Second Language - II

13972	LEC	8:30 am - 10:55 am	MTWTh	STAFF, 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.

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 07/19/2021, Ends 08/22/2021)

13974	LEC	6:00 pm - 8:25 pm	MTWTh	Janvelyan, 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.

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 07/19/2021, Ends 08/22/2021)

Environmental Science

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

Requirement Designation: Meets IGETC 5A CSU B1

Introduction to Environmental Science

11273	LEC	10:00 am - 12:25 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 07/19/2021, Ends 08/22/2021)

Fashion Design

FASHDSN 143- Tech Packs - 4 Units

This course will provide students with the necessary skills to produce tech packs that communicate all of the necessary components needed to construct a garment.

14890	LEC	12:00 pm - 3:20 pm	TWTh	Jackson, T R	ON LINE
-------	-----	--------------------	------	--------------	---------

(Starts 07/19/2021, Ends 08/22/2021)

FASHDSN 225- Pattern Making And Design I - 2 Units

Entry level class offering instruction in development of a basic block, test fitting, and additional basic pattern making fundamentals.

14193	LAB	7:00 am - 11:05 am	MTWThF	Alcala, C	D4-230
-------	-----	--------------------	--------	-----------	--------

(Starts 07/19/2021, Ends 08/22/2021)

Geography

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

Requirement Designation: Meets IGETC 4E CSU D5

Explore the geographic character of human societies and the challenges and opportunities of living in an

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

increasingly globalized world. Discover the origins, diffusion, and distributions of cultural traditions and popular culture, population and migration, languages, religions, ethnic identity, political structures and nationalism, agriculture and food, economic systems, urbanization, and landscape modification.

12482	LEC	10:30 hrs/wk	TBA	Armen, 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 07/19/2021, Ends 08/22/2021)

Health Occupations

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

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

12515	LEC	6:50 hrs/wk	TBA	Rezaee Baroon, 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 07/19/2021, Ends 08/22/2021)

HLTHOCC 065- Fundamentals For The Health Care Professional (CSU) - 2.5 Units

This course explores career options in the health care industry, healthy behavior for health care workers, work ethics, professional resumes and interviewing skills and personality traits of a health care professional. There will be an internship during which area employers will introduce students to direct and indirect patient care opportunities.

13904	LEC	8:50 hrs/wk	TBA	Holland, 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 07/19/2021, Ends 08/22/2021)

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

12480	LEC	12:30 pm - 2:55 pm	MTWTh	Mazon, R	E3-203
-------	-----	--------------------	-------	----------	--------

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 07/19/2021, Ends 08/22/2021)

12873	LEC	12:30 pm - 2:55 pm	MTWTh	Gutierrez, E O	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 07/19/2021, Ends 08/22/2021)

10897	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.

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

Due to COVID 19 pandemic, this class will be conducted remotely and online with SOME REQUIRED virtual scheduled meetings. Current schedule should be considered when selecting this class. Contact the instructor for more information specific to this class.
(Starts 07/19/2021, Ends 08/22/2021)

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

11443	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 07/19/2021, Ends 08/22/2021)

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.

10249	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 07/19/2021, Ends 08/22/2021)

Kinesiology

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

Requirement Designation: Meets CSU E

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

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

12728	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 07/19/2021, Ends 08/22/2021)

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
----------	-----------	----------------	------	------------	------

12496	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 07/19/2021, Ends 08/22/2021)

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.

12695	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 07/19/2021, Ends 08/22/2021)

Kinesiology Major

KIN MAJ 120- HISTORY OF PHYSICAL EDUCATION, KINESIOLOGY AND SPORT (CSU) (RPT 1) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

This course introduces students to the history and foundations of physical education, kinesiology and sport. From the ancient non-western civilizations to current times, students will learn the contributions of cultures, individuals and events to the physical education, kinesiology and sport fields. Through lecture, reading sources and class discussions, students will gain a better understanding of the disciplines, the differences between the disciplines and the future directions for physical education, kinesiology and sport.

13886	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 07/19/2021, Ends 08/22/2021)

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.

11347	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 07/19/2021, Ends 08/22/2021)

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.

14398	LEC	9:00 am - 2:50 pm	Sa	Young, J 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 08/07/2021, Ends 08/29/2021)

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

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.

12403	LEC	11:00 am - 2:20 pm	MTWThF	Meftagh, T 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 07/19/2021, Ends 08/22/2021)

12470	LEC	5:00 pm - 8:20 pm	MTWThF	Dagher, G N	ON LINE
-------	-----	-------------------	--------	-------------	---------

All course materials provided to students free of charge.

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 07/19/2021, Ends 08/22/2021)

13205	LEC	5:00 pm - 8:20 pm	MTWThF	Loop, C B	ON LINE
-------	-----	-------------------	--------	-----------	---------

All course materials provided to students free of charge.

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 07/19/2021, Ends 08/22/2021)

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.

12486	LEC	5:00 pm - 8:20 pm	MTWThF	Jauregui, 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 07/19/2021, Ends 08/22/2021)

MATH 227- Statistics (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 2A CSU B4

Enrollment Requirement: Prerequisite: MATH 125 OR MATH 125S OR MATH 137 OR Placement in M1, M2, M5, M6, M9

Math 227 is an introduction to probability, measures of central tendency and dispersion, descriptive and inferential statistics, sampling, estimation, and hypothesis testing. Analysis of variance, chi-square and student t-distributions, linear correlation, and regression analysis are also presented as topics.

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

12703	LEC	9:40 am - 1:00 pm	MTWTh	Barrow, O 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 07/19/2021, Ends 08/22/2021)

11414	LEC	3:00 pm - 6:20 pm	MTWTh	Cuellar, 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 07/19/2021, Ends 08/22/2021)

11779	LEC	5:00 pm - 8:20 pm	MTWTh	Jahani, 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 07/19/2021, Ends 08/22/2021)

MATH 241- Trigonometry With Vectors (CSU) - 4 Units

Enrollment Requirement: Prerequisite: MATH 125 or 125S or equivalent or placement M1 or M2.

Introduces trigonometric functions, their graphs, inverses, and fundamental identities. Trigonometric equations are solved. The laws of sines and cosines, vectors, polar coordinates and applications are introduced.

12399	LEC	9:40 am - 1:00 pm	MTWTh	Bayssa, B T	ON LINE
-------	-----	-------------------	-------	-------------	---------

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

(Starts 07/19/2021, Ends 08/22/2021)

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.

10495	LEC	10:30 hrs/wk	TBA	Ray, E 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 07/19/2021, Ends 08/22/2021)

Philosophy

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

Requirement Designation: Meets IGETC 3B CSU C2

Introduction To Philosophy

10337	LEC	10:30 hrs/wk	TBA	Shirikjian, V 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 07/19/2021, Ends 08/22/2021)

Physics

PHYSICS 011- Introductory Physics (UC/CSU) - 4 Units

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

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

This is an introductory course that covers the wide range of topics included in a basic physics course such as kinematics of one- and two-dimensional motion, circular motion, Newton's laws, work and energy, thermodynamics, wave motion, oscillation, optics, electricity and magnetism, and nuclear and atomic Physics. Students analyze conceptual questions as well as solve quantitative problems using Algebra.

11831	LEC	10:30 hrs/wk	TBA	Khan, 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 07/19/2021, Ends 08/22/2021)

AND

11863	LAB	10:30 am - 1:00 pm	MTWTh	Khan, 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.

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 07/19/2021, Ends 08/22/2021)

PHYSICS 102- Physics For Engineers And Scientists II (UC/CSU) - 5 Units

Enrollment Requirement: Prerequisite: PHYSICS 101

Corequisite: MATH 266

Physics For Engineers And Scientists II

14194	LEC	10:00 am - 12:25 pm	MTWTh	Wilson, J 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 07/19/2021, Ends 08/22/2021)

AND

14195	LAB	12:40 pm - 5:50 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 07/19/2021, Ends 08/22/2021)

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

12476	LEC	10:10 am - 12:35 pm	MTWTh	Elac, 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 07/19/2021, Ends 08/22/2021)

14727	LEC	3:10 pm - 5:35 pm	MTWTh	Sanchez, 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 07/19/2021, Ends 08/22/2021)

12485	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 07/19/2021, Ends 08/22/2021)

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

Psychology

PSYCH 001- General Psychology I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4I CSU D9

Enrollment Requirement: Advisory: English 100 or 101

Psychology is the scientific study of behavior and mental processes. The content focuses on the exploration of major psychological theories and concepts, methods, and research findings in psychology. Topics include but are not limited to the biological bases of behavior, perception, cognition and consciousness, learning, memory, emotion, motivation, development, personality, social psychology, psychological disorders and therapeutic approaches, and applied psychology.

12473	LEC	9:40 am - 12:05 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 07/19/2021, Ends 08/22/2021)

12089	LEC	6:00 pm - 8:25 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 07/19/2021, Ends 08/22/2021)

12890	LEC	10:30 hrs/wk	TBA	Miller, E 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 07/19/2021, Ends 08/22/2021)

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.

12396	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 07/19/2021, Ends 08/22/2021)

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

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

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.

11806	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 07/19/2021, Ends 08/22/2021)

12471	LEC	10:30 hrs/wk	TBA	Wallach, M 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 07/19/2021, Ends 08/22/2021)

PSYCH 074- Research Methods In The Behavioral Sciences (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4 CSU D

Enrollment Requirement: Prerequisite: PSYCH 001 and MATH 227

This course surveys various psychological research methods with an emphasis on research design, experimental procedures, descriptive methods, instrumentation, and the collection, analysis, interpretation, and reporting of research data. Research design and methodology will be examined through a review of research in a variety of the sub disciplines of psychology.

13152	LEC	10:30 hrs/wk	TBA	Wooten, D 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 07/19/2021, Ends 08/22/2021)

Sociology

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

Requirement Designation: Meets IGETC 4J CSU D0

Introduction To Sociology

12400	LEC	7:30 am - 9:55 am	MTWTh	Williams, K 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 07/19/2021, Ends 08/22/2021)

12490	LEC	12:30 pm - 2:55 pm	MTWTh	Dunn, S 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 07/19/2021, Ends 08/22/2021)

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

Requirement Designation: Meets IGETC 4J CSU D0

American Social Problems

11669	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 07/19/2021, Ends 08/22/2021)