

## Accounting

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

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

12108	LEC	9:00 am - 12:30 pm	MTWThF	STAFF, L	CH/ K208
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(Starts 06/10/2019, Ends 07/14/2019)

## Administration Of Justice

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

*Requirement Designation: Meets IGETC 4H CSU D8*

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

13141	LEC	12:45 pm - 3:25 pm	MTWTh	STAFF, L	CH/ K324
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(Starts 06/10/2019, Ends 07/14/2019)

## 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

10013	LEC	9:00 am - 11:05 am	MTWTh	Velez, M	MH 308
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(Starts 06/10/2019, Ends 08/04/2019)

## Anthropology

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

*Requirement Designation: Meets IGETC 5B CSU B2*

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.

12307	LEC	10:10 am - 12:40 pm	MTWTh	McDowell, P V	AH/T E111
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(Starts 06/10/2019, Ends 07/14/2019)

11168	LEC	7:00 pm - 9:30 pm	MTWTh	Carter, M J	AH/T E315
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(Starts 06/10/2019, Ends 07/14/2019)

## 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.

11360	LEC	8:00 am - 10:10 am	MTWTh	Oliva, M	RH/ C107
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

11363	LAB	10:20 am - 12:30 pm	MTWTh	Oliva, M	RH/ C107
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(Starts 06/10/2019, Ends 07/14/2019)

### 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.

10462	LEC	9:40 am - 12:10 pm	MTWTh	Pinto, C D	AH/T E401
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(Starts 07/15/2019, Ends 08/18/2019)

10447	LEC	12:30 pm - 3:00 pm	MTWTh	Mirkovich, M Z	AH/T E401
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(Starts 06/10/2019, Ends 07/14/2019)

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

*Requirement Designation: Meets IGETC 3A CSU C1*

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

10820	LEC	6:00 pm - 8:25 pm	MTWTh	Mann, A	AH/T E401
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(Starts 07/15/2019, Ends 08/18/2019)

## 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.

10538	LEC	4:00 pm - 6:30 pm	MTWTh	Moreno, M A	AH/T E107
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(Starts 06/10/2019, Ends 07/14/2019)

10558	LEC	4:00 pm - 6:25 pm	MTWTh	Moreno, M A	AH/T E107
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(Starts 07/15/2019, Ends 08/18/2019)

### 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.

12885	LAB	6:35 pm - 9:00 pm	MTWTh	STAFF, L	CH/ K420
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(Starts 07/15/2019, Ends 08/18/2019)

10716	LAB	6:40 pm - 9:15 pm	MTWTh	Moreno, M A	CH/ K420
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(Starts 06/10/2019, Ends 07/14/2019)

## Automotive Collision Repair

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

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

12485	LEC	7:00 am - 7:50 am	MTWTh	Ferre, B E	OH/ F132
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12486	LAB	8:00 am - 1:25 pm	MTWTh	Ferre, B E	OH/ F110
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(Starts 06/10/2019, Ends 07/14/2019)

### **AUTOCOR 921-Cooperative Education - Automotive Collision Repair - 2 Units**

Cooperative Education - Automotive Collision Repair

14203	LEC	4:15 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 19hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

### **AUTOCOR 931-Cooperative Education - Automotive Collision Repair - 3 Units**

Cooperative Education - Automotive Collision Repair

14204	LEC	6:30 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 29hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

## Automotive Mechanics Technology

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

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

12112	LEC	7:00 am - 7:50 am	MTWTh	McFall, T J	OH/ F122
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12113	LAB	8:00 am - 1:25 pm	MTWTh	McFall, T J	OH/ F108
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(Starts 06/10/2019, Ends 07/14/2019)

### **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.

12114	LEC	7:00 am - 7:50 am	MTWTh	Taba, R A	OH/ F130
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

10816	LAB	8:00 am - 1:25 pm	MTWTh	Taba, R A	OH/ F130
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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### AUTORTK 135-Computer Control And Fuel Injection (CSU) - 3 Units

Instruction is offered in Automotive Computer Control and Fuel Injection Systems. Emphasis is placed on computer control electronic and fuel systems construction, function, inspection, component theory and operation, troubleshooting principles and engine condition diagnosis, testing,

10839	LEC	7:00 am - 7:50 am	MTWTh	Ramirez, J L	OH/ F120
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(Starts 06/10/2019, Ends 07/14/2019)

#### AND

12115	LAB	8:00 am - 1:25 pm	MTWTh	Ramirez, J L	OH/ F108
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(Starts 06/10/2019, Ends 07/14/2019)

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

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

10866	LEC	7:00 am - 7:50 am	MTWTh	Mostafa, O	OH/ F128
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(Starts 06/10/2019, Ends 07/14/2019)

#### AND

10875	LAB	8:00 am - 1:25 pm	MTWTh	Mostafa, O	OH/ F104
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(Starts 06/10/2019, Ends 07/14/2019)

### AUTORTK 146-CALIFORNIA STATE BUREAU OF AUTOMOTIVE REPAIR SPECIFIED DIAGNOSIS AND REPAIR (CSU) - 3 Units

CALIFORNIA STATE BUREAU OF AUTOMOTIVE REPAIR SPECIFIED DIAGNOSIS AND REPAIR

14199	LEC	5:00 pm - 5:50 pm	MTW	Rios, M	OH/ F128
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(Starts 06/10/2019, Ends 07/21/2019)

#### AND

14200	LAB	5:00 pm - 10:00 pm	Th	Rios, M	OH/ F124
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And	LAB	6:00 pm - 10:20 pm	MTW	Rios, M	OH/ F128
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(Starts 06/10/2019, Ends 07/21/2019)

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

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

13068	LEC	8:00 am - 12:00 pm	Sa	STAFF, L	OFF CAMP
And	LEC	3:00 pm - 4:50 pm	F	STAFF, L	OFF CAMP

Transportation Regional SWP, LOCATION: CAMP KIRBY  
(Starts 06/10/2019, Ends 07/21/2019)

### AUTORTK 921-Cooperative Education - Automotive And Related Technology - 2 Units

Cooperative Education - Automotive And Related Technology

14201	LEC	4:15 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 19hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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**AUTORTK 931-Cooperative Education - Automotive And Related Technology (RPT 3) - 3 Units**

Cooperative Education - Automotive And Related Technology

14202 LEC 6:30 hrs/wk TBA Guerra, J OH/ F214

In order to qualify for this class students MUST be employed for work a MINIMUM of 29hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

**Baking, Professional**

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

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

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

11766 LEC 9:30 am - 10:50 am TWTh True, C B SA/ H301  
(Starts 06/10/2019, Ends 08/04/2019)

**AND**

11768 LAB 11:00 am - 3:25 pm TWTh True, C B SA/ H315  
(Starts 06/10/2019, Ends 08/04/2019)

**Barbering**

**BAR 145-CROSSOVER COSMETOLOGY TO BARBERING (NDA) - 6 Units**

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

12488 LEC 6:30 hrs/wk TBA Robinson, E J ON LINE

This course which includes lab #14092 is for licensed cosmetologists only. Valid license required on first day of class. Please meet at Magnolia Hall, MH-128 @ 8:00 a.m. For more info., please call Professor Elton Robinson at 213.763.7138 or email (preferred - see email information below)

-Current California cosmetology license and I. D. are required as verification to secure enrollment.

-New students need to fill out application.

-Send me an email of your enrollment robinsej@lattc.edu

-Milady's Standard Barbering Textbook 2017 (lattc bookstore)

(Starts 06/10/2019, Ends 08/04/2019)

**AND**

12489 LAB 8:00 am - 1:10 pm M Robinson, E J MH 128

And LAB 8:00 am - 1:10 pm TWTh Robinson, E J MH 128

This course which includes lab #14092 is for licensed cosmetologists only. Valid license required on first day of class. Please meet at Magnolia Hall, MH-128 @ 8:00 a.m. For more info., please call Professor Elton Robinson at 213.763.7138 or email (preferred - see email information below)

-Current California cosmetology license and I. D. are required as verification to secure enrollment.

-New students need to fill out application.

-Send me an email of your enrollment robinsej@lattc.edu

-Milady's Standard Barbering Textbook 2017 (lattc bookstore)

(Starts 06/10/2019, Ends 08/04/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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## Basic Skills

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

#### Basic English Skills

14211	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	MA 109A-1
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GED Prep Part One (TABE E and M) - English || Session I

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/13/2019)

14235	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	MA 109N
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GED Prep Part One (TABE D and A) - English || Session I

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/13/2019)

14237	LEC	8:00 am - 10:25 am	MTWTh	STAFF, L	MA 109A-1
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GED Prep Part One (TABE E and M) - English || Session II

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

14238	LEC	8:00 am - 10:25 am	MTWTh	STAFF, L	MA 109N
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GED Prep Part One (TABE D and A) - English || Session II

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

14236	LEC	5:30 pm - 8:05 pm	MTWTh	STAFF, L	MA 109N
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GED Prep Mixed TABE Levels - English || Session I

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

14239	LEC	5:30 pm - 7:55 pm	MTWTh	STAFF, L	MA 109N
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GED Prep Mixed TABE Levels - English || Session II

This class is for students preparing to complete the Reading for Language Arts (RLA) writing portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

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

#### College And Scholastic Assessment Preparation

14350	LEC	8:00 am - 11:30 am	MTWTh	STAFF, L	OH/ F229
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GED Prep - Social Studies

This class is for students preparing to complete the Social Studies (6/10/2019-7/14/2019) and Science (7/15/2019-8/18/2019) portion of the GED.

For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 08/18/2019)

14366	LEC	8:00 am - 12:30 pm	MTW	STAFF, L	OH/ F229
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GED Prep - Science

This class is for students preparing to complete the Social Studies (6/10/2019-7/14/2019) and Science (7/15/2019-8/18/2019) portion of the GED.

For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

14276	LEC	4:30 pm - 8:15 pm	MW	STAFF, L	CY/ D204
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And	LEC	4:30 pm - 8:15 pm	T	STAFF, L	CY/ D204
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And	LEC	4:30 pm - 8:15 pm	Th	STAFF, L	CY/ D204
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TEAS Session I

(Starts 06/10/2019, Ends 07/14/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
14277	LEC	4:30 pm - 7:55 pm	MW	STAFF, L	RH/ C205
And	LEC	4:30 pm - 7:55 pm	T	STAFF, L	RH/ C205
And	LEC	4:30 pm - 7:55 pm	Th	STAFF, L	RH/ C205

TEAS Session II

(Starts 07/15/2019, Ends 08/18/2019)

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

#### Basic Math Skills

14240 LEC 11:00 am - 12:30 pm MT STAFF, L MA 109A-1

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

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

#### AND

14241 LAB 11:00 am - 1:35 pm WTh STAFF, L MA 109A-1

And LAB 12:40 pm - 1:35 pm MT STAFF, L MA 109A-1

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

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

14242 LEC 11:00 am - 12:30 pm MT STAFF, L MA 109N

GED Prep Part One (TABE D and A) - Math || Session II

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

#### AND

14243 LAB 11:00 am - 1:35 pm WTh STAFF, L MA 109N

And LAB 12:40 pm - 1:35 pm MT STAFF, L MA 109N

GED Prep Part One (TABE D and A) - Math || Session II

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

14246 LEC 11:00 am - 12:30 pm MT STAFF, L MA 109A-1

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

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

#### AND

14247 LAB 11:00 am - 1:25 pm WTh STAFF, L MA 109A-1

And LAB 12:40 pm - 1:25 pm MT STAFF, L MA 109A-1

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

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

14248 LEC 11:00 am - 12:30 pm MT STAFF, L MA 109N

GED Prep Part One (TABE D and A) - Math || Session II

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

#### AND

14249 LAB 11:00 am - 1:25 pm WTh STAFF, L MA 109N

And LAB 12:40 pm - 1:25 pm MT STAFF, L MA 109N

GED Prep Part One (TABE D and A) - Math || Session II

This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
14244	LEC	5:30 pm - 7:00 pm	MT	STAFF, L	MA 109A-1
GED Prep Part One Mixed Levels - Math    Session I This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 06/10/2019, Ends 07/14/2019)					
<b>AND</b>					
14245	LAB	5:30 pm - 8:05 pm	WTh	STAFF, L	MA 109A-1
And	LAB	7:10 pm - 8:05 pm	MT	STAFF, L	MA 109A-1
ED Prep Part One Mixed Levels - Math    Session I This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 06/10/2019, Ends 07/14/2019)					
14250	LEC	5:30 pm - 7:00 pm	MT	STAFF, L	MA 109A-1
GED Prep Mixed TABE Levels - Math    Session II This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					
<b>AND</b>					
14251	LAB	5:30 pm - 7:55 pm	WTh	STAFF, L	MA 109A-1
And	LAB	7:10 pm - 7:55 pm	MT	STAFF, L	MA 109A-1
GED Prep Mixed TABE Levels - Math    Session II This class is for students preparing to complete the Math portion of the GED Test. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					

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

#### Basic Computer Literacy

14348	LEC	8:00 am - 9:30 am	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 06/10/2019, Ends 07/14/2019)					
<b>AND</b>					
14349	LAB	8:00 am - 10:35 am	WTh	STAFF, L	MA 109A-2
And	LAB	9:40 am - 10:35 am	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 06/10/2019, Ends 07/14/2019)					
14358	LEC	8:00 am - 9:30 am	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 07/15/2019, Ends 08/18/2019)					
<b>AND</b>					
14359	LAB	8:00 am - 10:25 am	WTh	STAFF, L	MA 109A-2
And	LAB	9:40 am - 10:25 am	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 07/15/2019, Ends 08/18/2019)					
14356	LEC	11:00 am - 12:30 pm	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 06/10/2019, Ends 07/14/2019)					
<b>AND</b>					
14357	LAB	11:00 am - 1:35 pm	WTh	STAFF, L	MA 109A-2
And	LAB	12:40 pm - 1:35 pm	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 06/10/2019, Ends 07/14/2019)					



## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
14360	LEC	11:00 am - 12:30 pm	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 07/15/2019, Ends 08/18/2019)					
<b>AND</b>					
14361	LAB	11:00 am - 1:25 pm	WTh	STAFF, L	MA 109A-2
And	LAB	12:40 pm - 1:25 pm	MT	STAFF, L	MA 109A-2
This class is for any student wishing to improve their computer skills and will prepare students to be able to take the online GED Test. (Starts 07/15/2019, Ends 08/18/2019)					

## 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.

12464 LEC 8:00 am - 10:25 am MTWTh STAFF, L CH/ K468  
(Starts 07/15/2019, Ends 08/18/2019)

#### **AND**

12465 LAB 10:35 am - 1:00 pm MTWTh STAFF, L CH/ K468  
(Starts 07/15/2019, Ends 08/18/2019)

10872 LEC 10:30 am - 1:00 pm MTWTh STAFF, L MH 305  
(Starts 06/10/2019, Ends 07/14/2019)

#### **AND**

10877 LAB 1:20 pm - 3:50 pm MTWTh STAFF, L CH/ K408  
(Starts 06/10/2019, Ends 07/14/2019)

### BIOLOGY 005-Introduction To Human Biology (UC/CSU) - 4 Units

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

Introduction To Human Biology

11170 LEC 8:00 am - 10:30 am MTWTh Wong, R K CH/ K408  
(Starts 06/10/2019, Ends 07/14/2019)

#### **AND**

11176 LAB 10:40 am - 1:10 pm MTWTh Wong, R K CH/ K408  
(Starts 06/10/2019, Ends 07/14/2019)

### BIOLOGY 006-General Biology I (UC/CSU) - 5 Units

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

**Enrollment Requirement:** Prerequisite: CHEM 101

This is a general biology course designed for life science and many pre-health majors. It examines basic cellular biology, metabolism, genetics, molecular biology, and the relationship between form and function of living organisms. Note: Some 4-year institutions prefer that Biology 6 and 7 be taken at the same college.

14184 LEC 8:30 am - 11:00 am MTWTh Pantastico Caldas, M C CH/ K468  
(Starts 06/10/2019, Ends 07/14/2019)

#### **AND**

14185 LAB 11:10 am - 4:35 pm MTWTh Pantastico Caldas, M C CH/ K468  
(Starts 06/10/2019, Ends 07/14/2019)

## Building Construction Techniques

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

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

11282	LEC	6:00 pm - 9:20 pm	MW	Elarton-Selig, W D	SQ/ B133
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(Starts 06/10/2019, Ends 07/14/2019)

## 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.

14299	LEC	8:35 am - 11:00 am	MTWTh	Sonnier, G D	CH/ K210
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(Starts 07/15/2019, Ends 08/18/2019)

12084	LEC	12:45 pm - 3:25 pm	MTWTh	Gary, K LCH/ K304	
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(Starts 06/10/2019, Ends 07/14/2019)

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

Business Law I

12095	LEC	10:30 hrs/wk	TBA	Sonnier, G D	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

### **BUS 022-The Business Of Electronic Commerce (UC/CSU) - 3 Units**

This comprehensive course will provide students emerging online technologies and future trends with respect to e-commerce. In addition to the early development of e-commerce success, e-marketing, online payment methods, spamming, phishing, identity theft, and other e-commerce components will be explored.

14302	LEC	7:00 am - 9:30 am	MTWTh	Mcintosh, A U	CH/ K322
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(Starts 06/10/2019, Ends 07/14/2019)

### **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.

12102	LEC	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12103	LAB	6:50 hrs/wk	TBA	Wilson-Aus, A M	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

**Counseling**

**COUNSEL 002-Interpersonal Relationships (CSU) (RPT 3) - 1 Unit**

Enhances interpersonal skills for building effective communication for personal and professional growth. It utilizes group dynamics by enhancing self-esteem through self-awareness, acceptance, ability to listen and workplace habits. An honest appraisal of individual strengths and weaknesses is made in an effort to help remove barriers to social and academic growth. A student educational plan (SEP) will be developed.

11033	LEC	12:30 pm - 2:00 pm	MW	Cole, L E	ST 401
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(Starts 06/10/2019, Ends 07/14/2019)

14189	LEC	3:00 pm - 3:45 pm	MTWTh	STAFF, L	JH/S T301
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(Starts 06/10/2019, Ends 07/14/2019)

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

*Requirement Designation: Meets CSU E*

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

13108	LEC	8:00 am - 10:25 am	MTWTh	Singh, A M	JH/S T303
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(Starts 07/15/2019, Ends 08/18/2019)

13109	LEC	8:00 am - 10:25 am	MTWTh	Estrada, R	OH/ F216
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(Starts 07/15/2019, Ends 08/18/2019)

13110	LEC	8:00 am - 10:25 am	MTWTh	Ortega, J T	OH/ F223
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(Starts 07/15/2019, Ends 08/18/2019)

11236	LEC	9:35 am - 12:00 pm	MTWTh	Skinner, K D	MH 305
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(Starts 07/15/2019, Ends 08/18/2019)

11224	LEC	9:40 am - 12:05 pm	MTWTh	Olguin, S	JH/S T301
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(Starts 07/15/2019, Ends 08/18/2019)

14190	LEC	10:00 am - 12:25 pm	MTWTh		OH/ F222
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(Starts 07/15/2019, Ends 08/18/2019)

14706	LEC	10:30 hrs/wk	TBA	Martin, J M	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

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

College Success is a course designed to increase the opportunity for success in college by assisting the student in obtaining skills necessary to reach his/her educational objectives. Topics in this course include information about college catalog, success, self-esteem, values and beliefs, study skills, communication skills, and healthy lifestyles. A student educational plan (SEP) will be developed.

13103	LEC	8:00 am - 9:30 am	MW	Singh, A M	JH/S T303
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(Starts 06/10/2019, Ends 07/14/2019)

13106	LEC	8:00 am - 9:50 am	TTh	Estrada, R	JH/S T301
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(Starts 06/10/2019, Ends 07/14/2019)

13107	LEC	11:15 am - 12:45 pm	MW	Singh, A M	JH/S T303
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(Starts 06/10/2019, Ends 07/14/2019)

## 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.

12125	LEC	6:00 pm - 9:10 pm	MW	STAFF, L	SQ/ B105
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(Starts 06/10/2019, Ends 08/04/2019)

### **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.

12126	LEC	8:00 am - 11:20 am	TTh	STAFF, L	SQ/ B104
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(Starts 06/10/2019, Ends 08/04/2019)

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

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

12845	LAB	8:00 am - 1:50 pm	MWF		SQ/ B104
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Larry Hubbard has priority and this was his class, but is on worker's comp. medical leave.  
(Starts 06/10/2019, Ends 07/21/2019)

## Chemistry

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

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

**Enrollment Requirement:** Prerequisite: MATH 114 or MATH 115

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.

10788	LEC	10:35 am - 2:00 pm	MTWTh	STAFF, L	CH/ K420
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

10795	LAB	8:00 am - 10:25 am	MTWTh	STAFF, L	CH/ K466
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(Starts 06/10/2019, Ends 07/14/2019)

12119	LEC	2:15 pm - 5:45 pm	MTWTh	STAFF, L	CH/ K305
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12120	LAB	5:55 pm - 8:30 pm	MTWTh	STAFF, L	CH/ K466
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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## 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.

11393	LEC	8:00 am - 10:35 am	MTWTh	Lee, H	CH/ K406
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**AND**

11396	LAB	10:45 am - 4:15 pm	MTWTh	Lee, H	CH/ K466
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(Starts 06/10/2019, Ends 07/14/2019)

## 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.

13552	LEC	8:00 am - 10:30 am	MTWTh	Acosta, M	CH/ K406
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**AND**

13553	LAB	10:40 am - 4:00 pm	MTWTh	Acosta, M	CH/ K466
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(Starts 07/15/2019, Ends 08/18/2019)

## 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.

12487	LEC	2:00 pm - 4:25 pm	MTWTh	Diaz, M	CH/ K406
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**AND**

12495	LAB	4:40 pm - 10:00 pm	MTWTh	Diaz, M	CH/ K464
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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### CHEM 212-Organic Chemistry For Science Majors II (UC/CSU) - 5 Units

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

**Enrollment Requirement:** Prerequisite: CHEM 211

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

12243	LEC	2:00 pm - 4:25 pm	MTWTh	STAFF, L	CH/ K406
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(Starts 07/15/2019, Ends 08/18/2019)

**AND**

12244	LAB	4:35 pm - 9:45 pm	MTWTh	STAFF, L	CH/ K464
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(Starts 07/15/2019, Ends 08/18/2019)

## Child Development

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

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

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

11035	LEC	7:00 am - 9:30 am	MTWTh	Maina, R G	CH/ K222
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(Starts 06/10/2019, Ends 07/14/2019)

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

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

TB clearance required

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

14307	LEC	9:45 am - 12:15 pm	MTWTh	Vega, C	CH/ K262
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(Starts 07/15/2019, Ends 08/18/2019)

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

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

14306      LEC      9:45 am - 12:25 pm      MTWTh Vega, C      CH/ K262  
 (Starts 06/10/2019, Ends 07/14/2019)

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

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

13215      LEC      9:45 am - 12:25 pm      MTWTh Patron, A      CH/ K321  
 (Starts 06/10/2019, Ends 07/14/2019)

**CH DEV 030-Infant/Toddler Development (CSU) - 3 Units**

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

This course reviews physical, social-emotional, language and cognitive development during the period of infancy and toddlerhood. Focus is on infant/toddler group care and licensing regulations related to this age. The course also addresses the role of the caregiver in meeting the needs of infants and toddlers and their families through responsive, respectful and sensitive caregiving practices. Varying philosophies and issues of diversity are explored.

11422      LEC      7:00 am - 9:30 am      MTWTh Patron, A      CH/ K321  
 (Starts 07/15/2019, Ends 08/18/2019)

**CH DEV 042-Teaching In A Diverse Society (CSU) - 3 Units**

Students examine the development of social identities in diverse societies including theoretical and practical implications affecting young children, families, programs, teaching, education and schooling. Culturally relevant and linguistically appropriate anti-bias approaches supporting all children in becoming competent members of a diverse society. The course involves self-reflection of one's own understanding of educational principles in integrating anti-bias goals in order to better inform teaching practices and/or program development.

14305      LEC      9:45 am - 12:25 pm      MTWTh Maina, R G      CH/ K222  
 (Starts 06/10/2019, Ends 07/14/2019)

**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.

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
11342 (Starts 07/15/2019, Ends 08/18/2019)	LEC	7:00 am - 9:25 am	MTWTh	McDermott, D A	AH/T E206
11348 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 9:30 am	MTWTh	Glavan, J J	AH/T E206
11334 (Starts 07/15/2019, Ends 08/18/2019)	LEC	9:40 am - 12:10 pm	MTWTh	McDermott, D A	AH/T E206
11359 (Starts 06/10/2019, Ends 07/14/2019)	LEC	9:40 am - 12:10 pm	MTWTh	Glavan, J J	AH/T E206
11368 (Starts 06/10/2019, Ends 07/14/2019)	LEC	6:00 pm - 8:30 pm	MTWTh	Mock, J C	AH/T E206
12304 (Starts 07/15/2019, Ends 08/18/2019)	LEC	6:00 pm - 8:25 pm	MTWTh	Mock, J C	AH/T E206

## Computer Applications Office Technology

### CAOT 030-Office Procedures (CSU) - 3 Units

#### Office Procedures

14331 LEC 6:00 pm - 7:35 pm MTWTh Galindo, M CH/ K322  
(Starts 06/10/2019, Ends 07/14/2019)

#### AND

14332 LAB 7:45 pm - 9:20 pm MTWTh Galindo, M CH/ K322  
(Starts 06/10/2019, Ends 07/14/2019)

### 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.

12241 LEC 8:00 am - 9:15 am MTWThF Bailey, P CH/ K320  
(Starts 06/10/2019, Ends 07/12/2019)

#### AND

12242 LAB 9:30 am - 11:35 am MTWThF Bailey, P CH/ K320  
(Starts 06/10/2019, Ends 07/12/2019)

## Computer Information Systems

### CO INFO 701-Introduction To Computers And Their Uses (UC/CSU) - 3 Units

The students will be introduced to computer applications using Microsoft Office. Word, Excel, Access are covered. Also, the students will learn to integrate different applications, and understand the fundamentals of the Windows operating system.

10486 LEC 6:50 hrs/wk TBA Pakbaz, M ON LINE  
(Starts 06/10/2019, Ends 07/14/2019)

#### AND

10499 LAB 6:50 hrs/wk TBA Pakbaz, M ON LINE  
(Starts 06/10/2019, Ends 07/14/2019)



## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### CO INFO 739-Programming In C++ (UC/CSU) - 3 Units

This class provides an introduction to the use of the C++ programming system. It emphasizes the syntax and grammar of its coding language. The method of instruction is the use of the system to implement computer application projects using the traditional programming structures of sequence, selection, and loops, use of functions, arrays and strings and how different data types work.

10514	LEC	10:00 am - 11:35 am	MTWTh	Pakbaz, M	CH/ K307
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(Starts 06/10/2019, Ends 07/14/2019)

#### AND

10524	LAB	11:45 am - 1:20 pm	MTWTh	Pakbaz, M	CH/ K307
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(Starts 06/10/2019, Ends 07/14/2019)

## Coop Ed

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

#### Work Experience - General I

10319	LEC	6:50 hrs/wk	TBA	Dam, M C	CH/ K210
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Students who enroll in Coop Ed 295 using paid work experience must complete a total of 150 hours during the 5 week session.

Students who enroll in Coop Ed 295 using unpaid work experience must complete a total of 120 hours during the 5-week session.

(Starts 06/10/2019, Ends 07/14/2019)

14308	LEC	4:15 hrs/wk	TBA	Dam, M C	CH/ K210
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(Starts 06/10/2019, Ends 08/04/2019)

## Cosmetology

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

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

13202	LEC	8:00 am - 10:30 am	MTWTh	STAFF, L	MH 138
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STEAM Academy

(Starts 06/10/2019, Ends 07/14/2019)

12484	LEC	9:00 am - 11:35 am	MTWTh	STAFF, L	MH 233
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(Starts 06/10/2019, Ends 07/14/2019)

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

#### Enrollment Requirement: Prerequisite: CSMTLGY 112

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

10467	LEC	7:00 am - 8:10 am	MTWTh	Botma, S M	MH 238
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(Starts 06/10/2019, Ends 07/14/2019)

#### AND

12127	LAB	8:20 am - 12:25 pm	MTWTh	Botma, S M	MH 238
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(Starts 06/10/2019, Ends 07/14/2019)

12128	LEC	7:00 am - 8:10 am	MTWTh	STAFF, L	MH 237
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(Starts 06/10/2019, Ends 07/14/2019)

#### AND

12129	LAB	8:20 am - 12:25 pm	MTWTh	STAFF, L	MH 237
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(Starts 06/10/2019, Ends 07/14/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
10428 (Starts 06/10/2019, Ends 07/14/2019)	LEC	4:00 pm - 5:10 pm	MTWTh	Young, C P	MH 247
<b>AND</b>					
10446 (Starts 06/10/2019, Ends 07/14/2019)	LAB	5:20 pm - 9:25 pm	MTWTh	Young, C P	MH 247

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

**Enrollment Requirement:** Prerequisite: CSMTLGY 112

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

12130 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 8:10 am	MTWTh	Botma, S M	MH 238
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**AND**

12131 (Starts 06/10/2019, Ends 07/14/2019)	LAB	8:20 am - 12:25 pm	MTWTh	Botma, S M	MH 238
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12132 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 8:10 am	MTWTh	STAFF, L	MH 237
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**AND**

12133 (Starts 06/10/2019, Ends 07/14/2019)	LAB	8:20 am - 12:25 pm	MTWTh	STAFF, L	MH 237
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10556 (Starts 06/10/2019, Ends 07/14/2019)	LEC	4:00 pm - 5:10 pm	MTWTh	Young, C P	MH 247
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**AND**

10568 (Starts 06/10/2019, Ends 07/14/2019)	LAB	5:20 pm - 9:25 pm	MTWTh	Young, C P	MH 247
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### CSMTLGY 214-Advanced Hair Coloring And Styling - 3 Units

**Enrollment Requirement:** Prerequisite: CSMTLGY 112

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

10691 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 8:10 am	MTWTh	Botma, S M	MH 238
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**AND**

12136 (Starts 06/10/2019, Ends 07/14/2019)	LAB	8:20 am - 12:25 pm	MTWTh	Botma, S M	MH 238
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12137 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 8:10 am	MTWTh	STAFF, L	MH 237
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**AND**

12138 (Starts 06/10/2019, Ends 07/14/2019)	LAB	8:20 am - 12:25 pm	MTWTh	STAFF, L	MH 237
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12134 (Starts 06/10/2019, Ends 07/14/2019)	LEC	4:00 pm - 5:10 pm	MTWTh	Young, C P	MH 247
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**AND**

12135 (Starts 06/10/2019, Ends 07/14/2019)	LAB	5:20 pm - 9:25 pm	MTWTh	Young, C P	MH 247
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## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### CSMTLGY 215-Contemporary Styling Techniques - 3 Units

**Enrollment Requirement:** Prerequisite: CSMTLGY 112

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

12139	LEC	7:00 am - 8:10 am	MTWTh	Botma, S M	MH 238
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

12140	LAB	8:20 am - 12:25 pm	MTWTh	Botma, S M	MH 238
(Starts 06/10/2019, Ends 07/14/2019)					

12141	LEC	7:00 am - 8:10 am	MTWTh	STAFF, L	MH 237
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

12142	LAB	8:20 am - 12:25 pm	MTWTh	STAFF, L	MH 237
(Starts 06/10/2019, Ends 07/14/2019)					

10771	LEC	4:00 pm - 5:10 pm	MTWTh	Young, C P	MH 247
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

10784	LAB	5:20 pm - 9:25 pm	MTWTh	Young, C P	MH 247
(Starts 06/10/2019, Ends 07/14/2019)					

### CSMTLGY 217-Multi-Texture Design (Level 1-2) - 3 Units

This class teaches the basic techniques of the five most popular methods for applying hair additions: strand by strand, braiding, bonding, track and sew and netting.

12483	LEC	7:00 am - 8:45 am	MTWTh	Shackelford, S	MH 247
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

12507	LAB	8:55 am - 11:40 am	MTWTh	Shackelford, S	MH 247
(Starts 06/10/2019, Ends 07/14/2019)					

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

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

14212	LEC	1:00 pm - 2:35 pm	MTWTh	Maine, M K	MH 237
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

14213	LAB	2:45 pm - 5:15 pm	MTWTh	Maine, M K	MH 237
(Starts 06/10/2019, Ends 07/14/2019)					

### CSMTLGY 221-Advanced Makeup Techniques (NDA) - 3 Units

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

14214	LEC	1:00 pm - 2:35 pm	MTWTh	Ley, L G	MH 238
(Starts 06/10/2019, Ends 07/14/2019)					

**AND**

14215	LAB	2:45 pm - 5:15 pm	MTWTh	Ley, L G	MH 238
(Starts 06/10/2019, Ends 07/14/2019)					

## Culinary Arts

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

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

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

10210	LEC	9:30 am - 11:05 am	MTWTh	Feigenbaum, S B	SA/ H134
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

10219	LAB	11:15 am - 4:40 pm	MTWTh	Feigenbaum, S B	SA/ H102
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(Starts 06/10/2019, Ends 07/14/2019)

### **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.

10260	LEC	7:00 am - 9:20 am	TWTh	Garnica Diaz, E	SA/ H314
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(Starts 06/10/2019, Ends 07/14/2019)

### **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.

10448	LEC	7:00 am - 9:20 am	TWTh	Pasin, C	SA/ H334
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(Starts 06/10/2019, Ends 07/14/2019)

## Diesel And Related Technology

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

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

10105	LEC	7:00 am - 9:30 am	MTWTh	Guerra, C	OH/ F210
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12144	LAB	9:40 am - 12:10 pm	MTWTh	Guerra, C	OH/ F100
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(Starts 06/10/2019, Ends 07/14/2019)

14176	LEC	5:00 pm - 7:30 pm	MTWTh	Ramirez, J R	OH/ F100
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

14177	LAB	7:40 pm - 10:10 pm	MTWTh	Ramirez, J R	OH/ F210
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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### DIESLTK 921-Cooperative Education - Diesel And Related Technology - 2 Units

Cooperative Education - Diesel And Related Technology

14205	LEC	4:15 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 19hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

### DIESLTK 931-Cooperative Education - Diesel And Related Technology - 3 Units

Cooperative Education - Diesel And Related Technology

14206	LEC	6:30 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 29hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

## Digital Media

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

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

14216	LEC	8:00 am - 9:15 am	MTWThF	Vulovich, N	CY/ D200
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

14217	LAB	9:25 am - 10:40 am	MTWThF	Vulovich, N	CY/ D200
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(Starts 06/10/2019, Ends 07/14/2019)

## Economics

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

*Requirement Designation: Meets IGETC 4B CSU D2*

**Enrollment Requirement:** Prerequisite: MATH 115

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.

10594	LEC	9:45 am - 12:25 pm	MTWTh	Ahmad, J	CH/ K324
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(Starts 06/10/2019, Ends 07/14/2019)

## Electrical 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.

13953	LEC	7:00 am - 11:15 am	W	STAFF, L	SQ/ B302
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(Starts 06/10/2019, Ends 08/04/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### 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.

10033	LEC	6:00 pm - 9:10 pm	MW	STAFF, L	SQ/ B320
(Starts 06/10/2019, Ends 08/04/2019)					

10045	LEC	6:00 pm - 9:25 pm	TTh	STAFF, L	SQ/ B352
(Starts 06/10/2019, Ends 08/04/2019)					

### 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.

10050	LAB	10:10 am - 1:25 pm	MTWTh	STAFF, L	SQ/ B353
(Starts 06/10/2019, Ends 08/04/2019)					

10048	LAB	6:00 pm - 9:15 pm	MTWTh	STAFF, L	SQ/ B301
(Starts 06/10/2019, Ends 08/04/2019)					

### 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.

10064	LEC	7:00 am - 10:20 am	TTh	STAFF, L	SQ/ B352
(Starts 06/10/2019, Ends 08/04/2019)					

10057	LEC	6:00 pm - 9:10 pm	MW	STAFF, L	SQ/ B352
(Starts 06/10/2019, Ends 08/04/2019)					

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

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

10068	LAB	7:00 am - 11:15 am	MTW	STAFF, L	SQ/ B351
(Starts 06/10/2019, Ends 08/04/2019)					

### ECONMT 191-Commercial Wiring And Practices - 2 Units

Instruction is given in installation of wiring systems such as non-metallic sheathed cable, armored cable, flexible metal conduit, electrical metallic tubing, and PVC. Emphasis is given on National Electric Code standards.

14711	LAB	5:00 pm - 9:35 pm	MT	STAFF, L	SQ/ B337
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### ECONMT 192-Residential Wiring And Practices - 2 Units

The course content includes the installation of residential wiring materials including non-metallic sheathed cable, armored cable and flexible metal conduit for outlets, appliances and lighting.

14714	LAB	5:00 pm - 9:35 pm	WTh	STAFF, L	SQ/ B337
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## Electronics

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

Introduction To Electronics

14209	LEC	8:00 am - 11:20 am	MTW	Botterud, S J	CH/ K301
(Starts 06/10/2019, Ends 07/14/2019)					

## Electronics Technology

### ETNTLGY 941-Cooperative Education - Electronics Technology (CSU) (RPT 3) - 4 Units

Cooperative Education is a work experience program involving the employer, the student-employee and the college to insure that the student receives on the job training and the unit credit for work experience or volunteer work/internship. Completion of at least seven units, including Cooperative Education, at the end of the semester is required. Students must be employed or volunteering/interning in order to participate in program.

14210	LEC	8:50 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed fFULL-TIME (39hrs or more per week) during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

## Engineering Graphics & Design

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

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

12505	LEC	8:00 am - 9:35 am	MTWTh	Navarro, A	OH/F 164C
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12506	LAB	9:45 am - 11:20 am	MTWTh	Navarro, A	OH/F 164C
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(Starts 06/10/2019, Ends 07/14/2019)

## Engineering, General

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

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

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

14318	LEC	12:00 pm - 1:35 pm	MTWTh	Navarro, A	MH 301
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

14319	LAB	1:45 pm - 4:15 pm	MTWTh	Navarro, A	MH 301
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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## English

### ENGLISH 028-Intermediate Reading And Composition - 3 Units

**Enrollment Requirement:** Prerequisite: Placement Exam or English 21 or English 100

#### Intermediate Reading And Composition

12299	LEC	7:00 am - 9:30 am	MTWTh	Stevens, A A	AH/T E212
(Starts 06/10/2019, Ends 07/14/2019)					
10871	LEC	9:40 am - 12:10 pm	MTWTh	Ahmed, A A	AH/T E208
(Starts 06/10/2019, Ends 07/14/2019)					
12148	LEC	9:40 am - 12:15 pm	TTh	Viliesid, C N	AH/T E210
(Starts 07/15/2019, Ends 08/18/2019)					
12596	LEC	6:00 pm - 8:30 pm	MTWTh	Daniels, J C	AH/T E208
(Starts 06/10/2019, Ends 07/14/2019)					

### 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.

11482	LEC	9:40 am - 1:00 pm	MT	STAFF, L	AH/T E210
This section requires enrollment in a lab section #14134					
(Starts 06/10/2019, Ends 07/14/2019)					

#### AND

14134	LAB	9:40 am - 1:30 pm	WTh	STAFF, L	OH/ F223
This section requires enrollment in #11482					
(Starts 06/10/2019, Ends 07/14/2019)					

11485	LEC	9:40 am - 1:00 pm	MT	Dolan, T M	OH/ F224
This section requires enrollment in a lab #14135					
(Starts 07/15/2019, Ends 08/18/2019)					

#### AND

14135	LAB	9:40 am - 1:00 pm	WTh	Dolan, T M	OH/ F224
(Starts 07/15/2019, Ends 08/18/2019)					

11479	LEC	12:30 pm - 3:50 pm	MT	Foster, L I	AH/T E215
This section requires enrollment in a lab #14133					
(Starts 06/10/2019, Ends 07/14/2019)					

#### AND

14133	LAB	12:30 pm - 4:20 pm	WTh	Foster, L I	AH/T E215
(Starts 06/10/2019, Ends 07/14/2019)					

12987	LEC	12:30 pm - 3:50 pm	MT	Cruz, C A	AH/T E208
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(Starts 07/15/2019, Ends 08/18/2019)					

#### AND

14137	LAB	12:30 pm - 3:50 pm	WTh	Cruz, C A	AH/T E208
(Starts 07/15/2019, Ends 08/18/2019)					

12300	LEC	1:30 pm - 4:50 pm	MT	Dolan, T M	OH/ F224
This section requires enrollment in a lab #14136					
(Starts 07/15/2019, Ends 08/18/2019)					

#### AND

14136	LAB	1:30 pm - 4:50 pm	WTh	Dolan, T M	OH/ F224
(Starts 07/15/2019, Ends 08/18/2019)					



Class No	Component	Start/End Time	Days	Instructor	Room
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## ENGLISH 101-College Reading And Composition I (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC-1A CSU-A2*

**Enrollment Requirement:** Prerequisite: English 028 or Placement in E1 or E2 or E3 or E4 or E5 or E6 or E8 or E9 or E10 or E12 or E13 or E14

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.

12297	LEC	7:00 am - 9:30 am	MW	Blake, G B	OH/ F224
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And	LEC	4:50 hrs/wk	TBA	Blake, G B	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

11717	LEC	9:40 am - 12:50 pm	MW	Mancia, R A	AH/T E212
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And	LEC	3:50 hrs/wk	TBA	ON LINE	
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This class is hybrid and meets twice a week. The rest is online. Please email Prof. Mancia if you have questions: ManciaRA@lattc.edu

(Starts 06/10/2019, Ends 07/14/2019)

12298	LEC	9:40 am - 12:05 pm	MTWTh	Mendez, A E	AH/T E215
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(Starts 07/15/2019, Ends 08/18/2019)

13823	LEC	9:40 am - 12:05 pm	MTWTh	Cruz, C A	AH/T E208
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(Starts 07/15/2019, Ends 08/18/2019)

11698	LEC	12:30 pm - 2:55 pm	MTWTh	Doss, H M	AH/T E212
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(Starts 07/15/2019, Ends 08/18/2019)

14924	LEC	1:30 pm - 4:00 pm	MTWTh	Smith, A	OFF CAMP
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This section is for Upward Bound.

(Starts 06/10/2019, Ends 07/14/2019)

11712	LEC	6:00 pm - 8:25 pm	MTWTh	Gregory, E A	AH/T E210
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(Starts 07/15/2019, Ends 08/18/2019)

11696	LEC	10:30 hrs/wk	TBA	Mancia, R A	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

11701	LEC	10:30 hrs/wk	TBA	Moreno, L M	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

11709	LEC	10:30 hrs/wk	TBA	Shakir, R N	ON LINE
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(Starts 07/15/2019, Ends 08/18/2019)

## 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.

14130	LEC	9:40 am - 12:50 pm	MW	Blake, G B	OH/ F224
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And	LEC	3:40 hrs/wk	TBA	Blake, G B	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

12490	LEC	12:30 pm - 2:55 pm	TTh	Viliesid, C N	AH/T E210
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And	LEC	5:10 hrs/wk	TBA	Viliesid, C N	ON LINE
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(Starts 07/15/2019, Ends 08/18/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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## 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.

13149	LEC	7:00 am - 9:25 am	MTWTh	O Kane, J R	AH/T E212
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(Starts 07/15/2019, Ends 08/18/2019)

11973	LEC	6:00 pm - 8:25 pm	MTWTh	Gonzalez, S G	AH/T E215
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(Starts 07/15/2019, Ends 08/18/2019)

12306	LEC	10:30 hrs/wk	TBA	Ortiz, J I	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

12587	LEC	10:30 hrs/wk	TBA	Moreno, L M	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

11971	LEC	10:30 hrs/wk	TBA	Ortiz, J I	ON LINE
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(Starts 07/15/2019, Ends 08/18/2019)

## English Second Language – Non-Credit

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

English As A Second Language - 0

14252	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	CY/ D204
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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. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

14254	LEC	8:00 am - 10:25 am	MTWTh	STAFF, L	CY/ D204
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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. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

14253	LEC	6:00 pm - 8:35 pm	MTWTh	STAFF, L	OH/ F228
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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. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/15/2019)

14255	LEC	6:00 pm - 8:25 pm	MTWTh	STAFF, L	OH/ F228
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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. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 07/15/2019, Ends 08/18/2019)

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

English As A Second Language - I

14256	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	RH/ C205
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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. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 06/10/2019, Ends 07/14/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
14258	LEC	8:00 am - 10:25 am	MTWTh	STAFF, L	RH/ C205
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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					
14257	LEC	6:00 pm - 8:35 pm	MTWTh	STAFF, L	RH/ C201
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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 06/10/2019, Ends 07/14/2019)					
14259	LEC	6:00 pm - 8:25 pm	MTWTh	STAFF, L	RH/ C201
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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					

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

#### English As A Second Language - II

14260	LEC	8:00 am - 10:35 am	MTWTh	STAFF, L	OH/ F228
ESL NC-008CE - Advanced 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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 06/10/2019, Ends 07/14/2019)					
14262	LEC	8:00 am - 10:25 am	MTWTh	STAFF, L	OH/ F228
ESL NC-008CE - Advanced 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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					
14261	LEC	6:00 pm - 8:35 pm	MTWTh	STAFF, L	OH/ F224
ESL NC-008CE - Advanced 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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 06/10/2019, Ends 07/14/2019)					
14263	LEC	6:00 pm - 8:25 pm	MTWTh	STAFF, L	OH/ F224
ESL NC-008CE - Advanced 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. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 07/15/2019, Ends 08/18/2019)					

## Environmental Science

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

*Requirement Designation: Meets IGETC 5A CSU B1*

#### Introduction to Environmental Science

12240	LEC	10:00 am - 12:30 pm	MTWTh	Briones Ortega, R	CH/ K305
Restricted class (Starts 06/10/2019, Ends 07/14/2019)					
12308	LEC	10:10 am - 12:35 pm	MTWTh	Briones Ortega, R	CH/ K305
(Starts 07/15/2019, Ends 08/18/2019)					

**ESL Civics**

**ESLCVCS 013CE-Esl And Civics Iv (Repeatable) - 0 Unit**

Esl And Civics Iv

14363	LEC	11:00 am - 1:35 pm	MTWTh	STAFF, L	RH/ C205
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(Starts 06/10/2019, Ends 07/14/2019)

14365	LEC	11:00 am - 1:25 pm	MTWTh	STAFF, L	RH/ C205
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(Starts 07/15/2019, Ends 08/18/2019)

**Fashion Design**

**FASHDSN 118-Advanced Clothing Construction (CSU) - 2 Units**

**Enrollment Requirement:** Prerequisite: FASHDSN 111

The objective of this course is to advance the sewing skills of students using specialized machinery in constructing garments of specialized fabrics such as knits, lycra and Chiffon.

12481	LAB	12:00 pm - 4:30 pm	MTW	Alcala, C	CY/ D230
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(Starts 06/10/2019, Ends 07/14/2019)

**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.

10696	LEC	10:45 am - 12:15 pm	TWTh	Siccardi, M	CY/ D236
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(Starts 07/15/2019, Ends 08/18/2019)

**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.

12480	LEC	9:00 am - 10:30 am	TWTh	Siccardi, M	CY/ D236
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(Starts 07/15/2019, Ends 08/18/2019)

**FASHDSN 139-Coordinated Sportswear (CSU) - 2 Units**

**Enrollment Requirement:** Prerequisite: FASHDSN 132

**Advisory:** FASHDSN 118, FASHDSN 138

Instruction is given on the development of coordinated sportswear including story board presentation and critique. This class has been developed to focus on this most important component of the local apparel industry with concentration on jacket and pant construction and coordination of multiple fabrications within a group.

10215	LAB	7:00 am - 11:30 am	MTW	Jackson, T R	CY/ D331
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(Starts 06/10/2019, Ends 07/14/2019)

**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.

10264	LAB	7:00 am - 11:15 am	MTWThF	STAFF, L	CY/ D105
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(Starts 06/10/2019, Ends 07/14/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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### FASHDSN 244-Photoshop For Fashion Design (CSU) - 2 Units

This course offers computer fashion art instruction using Adobe Photoshop software. Emphasis is placed on preparation and input of fashion images for portfolios and design presentations as required by industry standards.

10297	LAB	3:00 pm - 7:15 pm	MTWThF	STAFF, L	CY/ D303
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(Starts 06/10/2019, Ends 07/14/2019)

## Fashion Merchandising

### FASHMER 020-Apparel Product Development (CSU) - 3 Units

This course covers the step-by-step development of apparel products in a retail or wholesale environment. Students will use research, merchandising knowledge and the application of merchandising concepts and theories in a simulated process. The course includes visual presentation of design concepts, raw materials sourcing, overviews of production technology, wholesale marketing and retail distribution. Special emphasis is placed on the California apparel industry.

14221	LEC	8:30 am - 10:40 am	MTWTh	Dwyer, N	CY/ D300
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(Starts 06/10/2019, Ends 07/14/2019)

**AND**

14787	LAB	10:50 am - 12:00 pm	MTWTh	Dwyer, N	CY/ D300
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(Starts 06/10/2019, Ends 07/14/2019)

## Geography

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

*Requirement Designation: Meets IGETC 4E CSU D5*

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

14314	LEC	1:40 pm - 4:05 pm	MTWTh	Conti, M R	AH/T E120
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(Starts 07/15/2019, Ends 08/18/2019)

## Health

### HEALTH 002-Health And Fitness (UC/CSU) - 3 Units

*Requirement Designation: Meets CSU E*

Students will learn methods of physical, holistic, and psychological wellness, with an emphasis on disease prevention, nutrition, sexuality, reproduction, drugs, alcohol, tobacco, aging, stress management and weight control. Individual improvements using cardiovascular and resistance training, flexibility, and body composition management are emphasized in the physical fitness segment of the course.

14031	LEC	8:00 am - 9:30 am	MTWTh	STAFF, L	OH/ F216
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(Starts 07/15/2019, Ends 08/18/2019)

**AND**

14032	LAB	9:40 am - 11:10 am	MTWTh	STAFF, L	CH/K BASE
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(Starts 07/15/2019, Ends 08/18/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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**HEALTH 011-Principles Of Healthful Living (UC/CSU) - 3 Units**

*Requirement Designation: Meets CSU E*

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

11166 LEC 9:40 am - 12:10 pm MTWTh STAFF, L OH/ F215  
(Starts 06/10/2019, Ends 07/14/2019)

11180 LEC 12:20 pm - 2:50 pm MTWTh STAFF, L OH/ F215  
(Starts 06/10/2019, Ends 07/14/2019)

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

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

12316 LEC 7:00 am - 10:20 am F STAFF, L OH/ F215  
(Starts 06/10/2019, Ends 07/14/2019)

**Health Occupations**

**HLTHOCC 049-Fundamentals Of Elder Care - 5 Units**

**Enrollment Requirement:** Prerequisite: HLTHOCC 065 and HLTHOCC 062 and HLTHOCC 063 and HLTHOCC 064

This course will introduce students to the information about the aging process and related medical, psychological and cognitive changes that is needed to effectively care for the elderly person in a long-term care center or at home.

14334 LEC 8:00 am - 11:20 am MTWTh STAFF, L RH/ C201  
(Starts 07/15/2019, Ends 08/18/2019)

**AND**

14335 LAB 12:00 pm - 2:25 pm MTWTh STAFF, L RH/ C201  
(Starts 07/15/2019, Ends 08/18/2019)

**HLTHOCC 062-Skill Set For The Health Care Professional (CSU) - 2 Units**

This course is an introduction of the concepts and skills that serve as a foundation for the health care professions. Topics include hygiene and safety, infection control, basic client monitoring, basic first aid, therapeutic communication and basic health documentation.

12238 LEC 7:00 am - 7:45 am MTWTh RH/ C201  
(Starts 06/10/2019, Ends 07/14/2019)

**AND**

12239 LAB 7:55 am - 10:25 am MTWTh RH/ C201  
(Starts 06/10/2019, Ends 07/14/2019)

**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.

12313 LEC 10:40 am - 12:15 pm MTWTh STAFF, L RH/ C201  
(Starts 06/10/2019, Ends 07/14/2019)

14327 LEC 6:50 hrs/wk TBA STAFF, L ON LINE  
(Starts 06/10/2019, Ends 07/14/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### HLTHOCC 064-Cultural And Legal Topics For Health Care Professionals (CSU) - 1 Unit

This course provides an overview of the concepts of health and illness, cultural diversity and legal issues that affect the health care professional.

14330	LEC	3:20 pm - 4:50 pm	MW	STAFF, L	RH/ C201
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(Starts 06/10/2019, Ends 07/14/2019)

14328	LEC	3:20 hrs/wk	TBA	STAFF, L	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

### 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.

14329	LEC	1:00 pm - 3:10 pm	MTWTh	STAFF, L	RH/ C201
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(Starts 06/10/2019, Ends 07/14/2019)

## History

### HISTORY 011-Political And Social History Of The United States I (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4F CSU D6*

Political And Social History Of The United States I

11644	LEC	10:40 am - 1:10 pm	MTWTh	Rodriquez Estrada, A I	AH/T E313
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(Starts 07/15/2019, Ends 08/18/2019)

11640	LEC	12:30 pm - 3:00 pm	MTWTh	STAFF, L	AH/T E323
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(Starts 07/15/2019, Ends 08/18/2019)

11651	LEC	3:10 pm - 5:35 pm	MTWTh	Grutzmacher, W	AH/T E313
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(Starts 06/10/2019, Ends 07/14/2019)

11650	LEC	10:30 hrs/wk	TBA	Rodriquez Estrada, A I	ON LINE
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On-Line Class - Zero Cost Textbook Class!  
(Starts 07/15/2019, Ends 08/18/2019)

14191	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE
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OnLine Class - Zero Cost Textbook Class!  
(Starts 06/10/2019, Ends 07/14/2019)

### HISTORY 012-Political And Social History Of The United States II (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4F CSU D6*

Political And Social History Of The United States II

12840	LEC	9:30 am - 12:10 pm	MTWTh	Rodriquez Estrada, A I	AH/T E313
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(Starts 06/10/2019, Ends 07/14/2019)

12468	LEC	10:30 hrs/wk	TBA	Rodriquez Estrada, A I	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

12841	LEC	10:30 hrs/wk	TBA	Bird, B L	ON LINE
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(Starts 07/15/2019, Ends 08/18/2019)

### HISTORY 042-The African American In The History Of The U.S. II (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4F CSU D6*

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

12310	LEC	10:10 am - 12:40 pm	MTWTh	Flowers, E R	JH/S T301
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(Starts 06/10/2019, Ends 07/14/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### **HISTORY 044-The Mexican American In The History Of The United States II (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4F CSU D6*

The Mexican American In The History Of The United States II

12311      LEC      10:10 am - 12:40 pm      MTWTh      Gutierrez, E O      AH/T E323

(Starts 06/10/2019, Ends 07/14/2019)

## Humanities

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

*Requirement Designation: Meets IGETC 3B CSU C2*

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

10440      LEC      9:40 am - 12:10 pm      MTWTh      Armstrong, A E      MH 309

(Starts 06/10/2019, Ends 07/14/2019)

10459      LEC      9:40 am - 12:10 pm      MTWTh      STAFF, L      MH 309

(Starts 07/15/2019, Ends 08/18/2019)

10488      LEC      6:00 pm - 8:30 pm      MTWTh      STAFF, L      MH 309

(Starts 06/10/2019, Ends 07/14/2019)

10522      LEC      10:30 hrs/wk      TBA      Tropf, R K      ON LINE

(Starts 07/15/2019, Ends 08/18/2019)

### **HUMAN 060-People And Their World: Technology And The Humanities (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 3B CSU C2*

This course introduces the student to the predominant cultural patterns of Western Civilization as expressed in great works of literature, visual arts, music, drama, philosophy, history and architecture from all periods, possibly focusing on the Romantics, Victorians and Modernists up to contemporary times, while emphasizing the effects of technological progress on the various mediums of the humanities. The interaction of the individual and society, and the interrelationship of humanities and technology within history and modern society, is explored for the student to gain a better understanding of the world and its culture. The student is introduced to general concepts of the humanities, including applied aesthetics. Comparisons to relevant Asian, African and American cultures and art may also be explored. Specifics may vary based on instructor.

10734      LEC      12:30 pm - 3:00 pm      MTWTh      Abdul-Mu'min, J      MH 309

(Starts 07/15/2019, Ends 08/18/2019)



## Kinesiology

### **KIN 300-1-Swimming Non-Swimmer I (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn introductory aquatic skills, water safety, basic aquatic activities and develop confidence in water. This course is designed for students to learn how to swim. All levels welcomed.

10198	LAB	9:40 am - 12:10 pm	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

12447	LAB	9:40 am - 12:10 pm	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

12446	LAB	12:20 pm - 3:00 pm	MTWTh	Mayfield, M D	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

### **KIN 300-2-Swimming Non-Swimmer II (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn beginning aquatic skills, water safety, basic aquatic activities and further develop confidence in water. This course is designed for students to continue learning how to swim, building on KIN 300-1.

10240	LAB	9:40 am - 12:10 pm	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

12449	LAB	9:40 am - 12:10 pm	MTWTh	Mayfield, M D	P OOL
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

12448	LAB	12:20 pm - 3:00 pm	MTWTh	Mayfield, M D	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

### **KIN 301-1-Swimming Skills I (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn introductory skills and knowledge necessary to swim. This course covers a variety of strokes and techniques.

12496	LAB	7:00 am - 9:30 am	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

### **KIN 301-2-Swimming Skills II (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn beginning skills and knowledge necessary to swim. This course covers a variety of strokes and techniques, building on KIN 301-1.

12497	LAB	7:00 am - 9:30 am	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

### **KIN 301-3-Swimming Skills III (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn intermediate skills and knowledge to swim. Students in the course refine a variety of strokes and techniques, building on KIN 301-1 and KIN 301-2.

12498	LAB	7:00 am - 9:30 am	MTWTh	Ratcliff, J E	P OOL
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

Class No	Component	Start/End Time	Days	Instructor	Room
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## KIN 303-1-Aqua Aerobics I (UC/CSU) - 1 Unit

*Requirement Designation: Meets CSU E*

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

Students learn introductory exercises through aerobic activities performed in water. Cardiovascular endurance training and resistance training may be included.

10432	LAB	3:00 pm - 5:45 pm	MTWTh	Delzeit, L D	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

## KIN 303-2-Aqua Aerobics II (CSU) - 1 Unit

*Requirement Designation: Meets CSU E*

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

Students learn beginning exercises through aerobic activities performed in water. Cardiovascular endurance training and resistance training may be included. This course builds upon KIN 303-1.

10453	LAB	3:00 pm - 5:45 pm	MTWTh	Delzeit, L D	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

## KIN 303-3-Aqua Aerobics III (CSU) - 1 Unit

*Requirement Designation: Meets CSU E*

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

Students learn intermediate exercises through aerobic activities performed in water. Cardiovascular endurance training and resistance training may be included. This course builds upon KIN 303-1 and KIN 303-2.

14999	LAB	3:00 pm - 5:30 pm	MTWTh	STAFF, L	P OOL
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

## KIN 329-1-Body Conditioning I (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.

10478	LAB	7:00 am - 9:30 am	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

10500	LAB	9:45 am - 12:20 pm	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

14996	LAB	11:30 am - 1:55 pm	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

## 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.

10881	LAB	7:00 am - 9:35 am	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

12156	LAB	9:45 am - 12:20 pm	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

14997	LAB	11:30 am - 1:55 pm	MTWTh	STAFF, L	CH/K BASE
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

Class No	Component	Start/End Time	Days	Instructor	Room
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**KIN 329-3-Body Conditioning III (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn and participate in a variety of intermediate level exercises for increasing cardiovascular fitness, muscular strength, and flexibility. This course builds on KIN 329-2.

14995      LAB      7:00 am - 9:30 am      MTWTh STAFF, L      CH/K BASE  
 (Starts 06/10/2019, Ends 07/14/2019)

14998      LAB      11:30 am - 1:55 pm      MTWTh STAFF, L      CH/K BASE  
 (Starts 07/15/2019, Ends 08/18/2019)

**KIN 330-1-Cardio Kickboxing I (CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Students learn introductory level, non-contact, cardio-kickboxing techniques to improve overall fitness including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition.

14776      LAB      12:30 pm - 3:00 pm      MTWTh STAFF, L      LG/ G100  
 (Starts 06/10/2019, Ends 07/14/2019)

**KIN 330-2-Cardio Kickboxing II (CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

Students learn beginning level, non-contact, cardio-kickboxing techniques to improve overall fitness including: cardiorespiratory endurance, muscular strength and endurance, flexibility, and body composition. This course builds on KIN 330-1.

14777      LAB      12:30 pm - 3:00 pm      MTWTh STAFF, L      LG/ G100  
 (Starts 06/10/2019, Ends 07/14/2019)

**KIN 351-1-Yoga I (UC/CSU) - 1 Unit**

*Requirement Designation: Meets CSU E*

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

Introductory yoga postures, breathing techniques, stretches, mental and relaxation exercises are used to gain concentration and self-discipline, and to improve physical, mental and emotional health.

10360      LAB      9:40 am - 12:20 pm      MTWTh STAFF, L      WH/ J212  
 (Starts 06/10/2019, Ends 07/14/2019)

**Labor Studies**

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

*Requirement Designation: Meets IGETC 4F CSU D6*

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

13951      LEC      5:00 pm - 8:10 pm      MW      Siegel, L      MH 308  
 (Starts 06/10/2019, Ends 08/04/2019)

12473      LEC      10:30 hrs/wk      TBA      Wills, E R      ON LINE  
 (Starts 07/15/2019, Ends 08/18/2019)

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### 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.

12474	LEC	10:30 hrs/wk	TBA	Wills, E R	ON LINE
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(Starts 06/10/2019, Ends 07/14/2019)

### LABR ST 101-Introduction To Unions (CSU) - 1 Unit

Overview of union impact on wages, benefits, working conditions and public policies by industry. Surveys basic union structures, operation and governance.

12479	LEC	2:20 pm - 5:40 pm	T	Siegel, L	MH 308
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(Starts 06/10/2019, Ends 07/14/2019)

## Law

### LAW 038-Criminal Law & Procedure - 3 Units

This course analyzes substantive criminal law and the procedural rights of criminal defendants. Lectures and activities will examine crimes against the person; crimes against property and habitation; crimes against the public; parties and inchoate offenses; and factual and statutory defenses. Students will prepare a case brief and a report on crimes that can be charged in a hypothetical fact pattern.

14300	LEC	9:45 am - 12:25 pm	MTWTh	STAFF, L	CH/ K304
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(Starts 06/10/2019, Ends 07/14/2019)

## Machine Shop - CNC

### MSCNC 921-Cooperative Education - Machine Shop - Cnc (RPT 3) - 2 Units

Cooperative Education - Machine Shop - Cnc

14207	LEC	4:15 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 19hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

### MSCNC 931-Cooperative Education - Machine Shop - Cnc (RPT 3) - 3 Units

Cooperative Education - Machine Shop - Cnc

14208	LEC	6:30 hrs/wk	TBA	Guerra, J	OH/ F214
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In order to qualify for this class students MUST be employed for work a MINIMUM of 29hrs per week during the term of the course. Students enrolling in this course will be subject to employment verification.

(Starts 06/10/2019, Ends 08/04/2019)

## Mathematics

### MATH 105-Arithmetic (NDA) - 3 Units

**Enrollment Requirement:** Limited from taking more than 30 units of remedial coursework.

Math 105 is designed to give students understanding and competency concerning the arithmetic of positive numbers. Topics include the standard operations of addition, subtraction, multiplication and division on whole numbers, fractions, and decimals with applications. Ratios, proportions, and percents are also covered. Additional topics may be chosen from geometric figures and introductory algebra.

10424	LEC	12:30 pm - 3:00 pm	MTWTh	Chen, C K	AH/T E412
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(Starts 06/10/2019, Ends 07/14/2019)

## MATH 110-Introduction To Algebraic Concepts (NDA) - 5 Units

**Enrollment Requirement:** This course counts towards the 30 units of remedial coursework limit. Math 110 covers the fundamentals of arithmetic through beginning algebra skills that are essential for Elementary Algebra. Topics include operations on whole numbers, fractions, decimals, and integers; order of operations; ratios, proportions, percents, and applications; perimeter, area, and volume applications; metric and English conversions; and simple algebraic expressions and equations. Basic word problems that embody these concepts are included throughout the course. Students may not earn credit for both Math 110 and the combination of Math 105 and Math 112.

14121	LEC	12:30 pm - 4:05 pm	MTWTh	Kumada, R	AH/T E408
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(Starts 06/10/2019, Ends 07/21/2019)

## MATH 112-Pre-Algebra (NDA) - 3 Units

**Enrollment Requirement:** Prerequisite: MATH 105

This course counts towards the 30 units of remedial coursework limit. Math 112 bridges the gap between arithmetic and algebra. Topics include operations with signed numbers, order of operations, evaluating expressions and formulas, rules of integer exponents, the distributive property, working with polynomials, solving simple equations, working with graphs, linear equations, word problems, and basic geometry.

11045	LEC	9:40 am - 12:05 pm	MTWTh	Simpson-Rodgers, N	AH/T E308
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(Starts 07/15/2019, Ends 08/18/2019)

11057	LEC	9:40 am - 12:10 pm	MTWTh	Harutyunyan, A	AH/T E310
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(Starts 06/10/2019, Ends 07/14/2019)

14770	LEC	12:30 pm - 3:00 pm	MTWTh	Zinenberg, V	AH/T E310
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(Starts 06/10/2019, Ends 07/14/2019)

11107	LEC	6:00 pm - 8:25 pm	MTWTh	Simpson-Rodgers, N	AH/T E308
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(Starts 07/15/2019, Ends 08/18/2019)

## MATH 114-Elementary Algebra B - 3 Units

**Enrollment Requirement:** Prerequisite: MATH 113

Math 114 is the second half of Math 115. The course reviews factoring, and covers rational expressions, introduction to graphing linear equations in two variables, solving systems of linear equations, roots and index 2 radicals, and methods of solving quadratic equations. Math 113 and 114 together are equivalent to Math 115. Credit is allowed in only one of Math 115 or the Math 113/114 combination. Concurrent enrollment in Math 113 and 114 is not permitted.

13075	LEC	6:00 pm - 8:30 pm	MTWTh	Bedassa, A M	AH/T E310
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(Starts 06/10/2019, Ends 07/14/2019)

## MATH 115-Elementary Algebra - 5 Units

**Enrollment Requirement:** Prerequisite: MATH 110 or MATH 112

Math 115 covers the fundamentals of beginning algebra. Topics include signed numbers, evaluation of algebraic expressions, exponents, solving equations, polynomials, factoring, rational expressions, radicals, quadratics, graphs, systems of equations, inequalities, and applications.

12224	LEC	7:00 am - 10:35 am	MTWTh	Lopez, A E	AH/T E406
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(Starts 06/10/2019, Ends 07/21/2019)

11512	LEC	11:00 am - 2:35 pm	MTWTh	Loop, C B	AH/T E406
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(Starts 06/10/2019, Ends 07/21/2019)

12221	LEC	11:00 am - 2:35 pm	MTWTh	Ghacham, M A	AH/T E410
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(Starts 06/10/2019, Ends 07/21/2019)

Class No	Component	Start/End Time	Days	Instructor	Room
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11516	LEC	5:00 pm - 8:35 pm	MTWTh	STAFF, L	AH/T E408
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(Starts 06/10/2019, Ends 07/21/2019)

### MATH 121-Elementary Geometry For College Students - 3 Units

**Enrollment Requirement:** Prerequisite: MATH 115

Math 121 is an introduction to Euclidean geometry and it is equivalent to one year of high school geometry. This course reviews the basic geometric construction, definitions, postulates, theorems and their proofs for triangles, parallel lines and circles.

11599	LEC	12:30 pm - 3:00 pm	MTWTh	Avila, L	FAH/T E415
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(Starts 06/10/2019, Ends 07/14/2019)

### MATH 125-Intermediate Algebra - 5 Units

**Enrollment Requirement:** Prerequisite: MATH 114 or MATH 115 or Placement in M7 or M10

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.

11794	LEC	7:00 am - 10:35 am	MTWTh	Bakman, A A	AH/T E410
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(Starts 06/10/2019, Ends 07/21/2019)

11797	LEC	11:00 am - 2:35 pm	MTWTh	Dominguez, C C	AH/T E306
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(Starts 06/10/2019, Ends 07/21/2019)

12733	LEC	3:10 pm - 6:45 pm	MTWTh	Hersi, A F	AH/T E306
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(Starts 06/10/2019, Ends 07/21/2019)

14771	LEC	3:10 pm - 6:45 pm	MTWTh	Barrow, O L	AH/T E406
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(Starts 06/10/2019, Ends 07/21/2019)

11799	LEC	5:00 pm - 8:35 pm	MTWTh	Ovanessian, A	AH/T E413
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(Starts 06/10/2019, Ends 07/21/2019)

### 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. Students will not get math competency credit for taking this course towards an AA/AS degree. If students wish to proceed to another course other than Math 227, they would need to go back and take Math 125.

14773	LEC	9:40 am - 1:15 pm	MTWTh	Jung, D	AH/T E221
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(Starts 06/10/2019, Ends 07/21/2019)

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

*Requirement Designation: Meets IGETC 2A CSU B4*

**Enrollment Requirement:** Prerequisite: MATH 125 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.

## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
12732 (Starts 06/10/2019, Ends 07/14/2019)	LEC	7:00 am - 10:30 am	MTWTh	Cuellar, M	AH/T E306
14772 (Starts 07/15/2019, Ends 08/18/2019)	LEC	7:00 am - 10:20 am	MTWTh	Jahani, F	AH/T E408
12723 (Starts 07/15/2019, Ends 08/18/2019)	LEC	9:40 am - 1:00 pm	MTWTh	Jauregui, D	AH/T E415
12186 (Starts 06/10/2019, Ends 07/14/2019)	LEC	12:30 pm - 4:00 pm	MTWTh	Kunarak, S	AH/T E413
12745 (Starts 07/15/2019, Ends 08/18/2019)	LEC	5:30 pm - 8:50 pm	MTWTh	Fong, P	AH/T E412

### MATH 240-Trigonometry (CSU) - 3 Units

*Requirement Designation: Meets CSU B4*

**Enrollment Requirement:** Prerequisite: MATH 125 and MATH 121

Math 240 centers on a study of trigonometry. Students will explore the sine, cosine, and tangent functions, including a study of their graphs, inverses of the functions, solution of triangles, models for periodic phenomena, identities, conditional equations, and polar coordinates. Students will also be introduced to the cotangent, secant, and cosecant functions.

11018 (Starts 06/10/2019, Ends 07/14/2019)	LEC	9:40 am - 12:15 pm	MTWTh	Kunarak, S	AH/T E413
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### MATH 260-Precalculus (UC/CSU) - 5 Units

*Requirement Designation: Meets IGETC 2A CSU B4*

**Enrollment Requirement:** Prerequisite: MATH 240 or Placement in M1 or M2

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

11230 (Starts 06/10/2019, Ends 07/21/2019)	LEC	12:30 pm - 4:05 pm	MTWTh	Maheta-Wells, P	AH/T E308
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### MATH 270-Linear Algebra (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 2A CSU B4*

**Enrollment Requirement:** Prerequisite: MATH 266

Math 270 develops the techniques and theory needed to solve and classify systems of linear equations. Solution techniques include row operations, Gaussian elimination, and matrix algebra. Investigates the properties of vectors in two and three dimensions, leading to the notion of an abstract vector space. Vector space and matrix theory are presented including topics such as inner products, norms, orthogonality, eigenvalues, eigenspaces, linear transformations, and diagonalization. Selected applications of linear algebra are included.

14769 (Starts 06/10/2019, Ends 07/14/2019)	LEC	9:40 am - 12:10 pm	MTWTh	Avila, L	FAH/T E415
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## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### 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.

10948	LEC	9:40 am - 12:10 pm	MTWTh	Dutton, D L	AH/T E201
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(Starts 07/15/2019, Ends 08/18/2019)

#### MUSIC 650-Beginning Guitar (UC/CSU) - 2 Units

**Enrollment Requirement:** Music - Classical Guitar Course Family

In this course, students learn the basics of guitar with emphasis on right and left hand techniques, tuning, chords, strumming and notation. Students also learn to read and play simple melodies and accompaniments to gain a firm grasp of the instrument. Each student must bring their own guitar.

10330	LEC	9:40 am - 10:25 am	MTWTh	STAFF, L	AH/T E201
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**AND**

12524	LAB	10:35 am - 12:10 pm	MTWTh	STAFF, L	AH/T E201
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(Starts 06/10/2019, Ends 07/14/2019)

### Nursing, Registered

#### REGNRSG 119-Introduction To Nursing - 1 Unit

This course will introduce nursing students to the RN Program Conceptual Framework, and ethics as applied to nursing. It will identify student learning styles and guide students in study and test taking techniques to promote success in the program.

10590	LEC	9:00 am - 10:50 am	TTh	Ashby, C M	MH 207
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(Starts 06/10/2019, Ends 07/14/2019)

#### REGNRSG 125-Nursing Pharmacology (CSU) - 2 Units

This course focuses on the effects of drug therapy on human body systems. The body systems include: the central nervous system, autonomic nervous, cardiovascular, renal, endocrine, respiratory and Gastro-intestinal systems. Also included are anti-infective, anti-inflammatory, immune and biological modifiers, chemotherapeutic, hematological, dermatologic, ophthalmic and otic agents. The students will learn and practice principles of medication administration.

10677	LEC	8:00 am - 9:10 am	MTWTh	Chandler, C C	MH 207
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**AND**

10690	LAB	9:20 am - 10:30 am	MTWTh	Chandler, C C	MH 207
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(Starts 07/15/2019, Ends 08/18/2019)

### Philosophy

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

*Requirement Designation: Meets IGETC 3B CSU C2*

Introduction To Philosophy

12305	LEC	7:00 am - 9:30 am	MTWTh	STAFF, L	AH/T E111
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(Starts 06/10/2019, Ends 07/14/2019)

10682	LEC	9:40 am - 12:05 pm	MTWTh	STAFF, L	AH/T E111
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(Starts 07/15/2019, Ends 08/18/2019)



## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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14169 (Starts 07/15/2019, Ends 08/18/2019)	LEC	6:00 pm - 8:25 pm	MTWTh	STAFF, L	AH/T E111
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### Physics

#### PHYSICS 007-General Physics II (UC/CSU) - 4 Units

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

**Enrollment Requirement:** Prerequisite: PHYSICS 006

This is the second course in a two course, trigonometry based sequence with Physics 6. Topics include the principles of electricity and magnetism, optics, and modern physics. The laboratory includes both quantitative and qualitative experiments which permit students to verify, illustrate, and deduce various laws of physics.

10687	LEC	4:00 pm - 6:30 pm	MTWTh	De, R	CH/ K422
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**AND**

10701 (Starts 06/10/2019, Ends 07/14/2019)	LAB	7:00 pm - 9:30 pm	MTWTh	Vazquez, C B	CH/ K422
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#### 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

14336	LEC	8:00 am - 10:30 am	MTWTh	Klee, V	MH 305
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**AND**

14337 (Starts 06/10/2019, Ends 07/14/2019)	LAB	10:40 am - 4:05 pm	MTWTh	Klee, V	TBA 1
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### Plumbing

#### PLUMBNG 028-Plumbing Code I - 3 Units

Introduction is given in plumbing codes and ordinances that affect rough-in work, in city and county areas. Installation of wastes, vents, clean-outs, traps, gas fittings, gas vents and water pipe requirements are reviewed.

12165 (Starts 06/10/2019, Ends 08/04/2019)	LEC	6:00 pm - 9:20 pm	TTh	STAFF, L	SQ/ B250
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#### PLUMBNG 246-Principles And Practices Of Plumbing Design and Layout - 4 Units

Students are trained on skills such as measuring with an architect's scale, construction drawings that include piping layout, fixture layout, disability requirements, orthographic drawings and basic isometric drawings.

12955	LEC	6:00 pm - 7:25 pm	MTWTh	STAFF, L	SQ/B 200B
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**AND**

12956 (Starts 06/10/2019, Ends 08/04/2019)	LAB	7:35 pm - 9:40 pm	MTWTh		SQ/B 200B
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### Political Science

#### POL SCI 001-The Government Of The United States (UC/CSU) - 3 Units

*Requirement Designation: Meets IGETC 4H CSU D8*

The Government Of The United States

11564 (Starts 06/10/2019, Ends 07/14/2019)	LEC	9:40 am - 12:10 pm	MTWTh	Tabakian, J P	AH/T E315
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## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
11561 (Starts 06/10/2019, Ends 07/14/2019)	LEC	3:10 pm - 5:40 pm	MTWTh	Penn, G J	AH/T E301
11578 (Starts 07/15/2019, Ends 08/18/2019)	LEC	3:10 pm - 5:40 pm	MTWTh	Vaden, B D	AH/T E301
11569 (Starts 07/15/2019, Ends 08/18/2019)	LEC	6:00 pm - 8:30 pm	MTWTh	Garcia, R	AH/T E315

### **POL SCI 002-Modern World Governments (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4H CSU D8*

Modern World Governments

14311 (Starts 07/15/2019, Ends 08/18/2019)	LEC	9:30 am - 11:55 am	MTWTh	Wang, P Y	AH/T E315
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## Psychology

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

*Requirement Designation: Meets IGETC 4I CSU D9*

**Enrollment Requirement:** Prerequisite: English 028 or English 101 or English 101 Placement

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.

11867 (Starts 06/10/2019, Ends 07/14/2019)	LEC	9:40 am - 12:10 pm	MTWTh	Koritzke, L S	AH/T E312
11865 (Starts 06/10/2019, Ends 07/14/2019)	LEC	5:00 pm - 7:30 pm	MTWTh	Bentley, M J	AH/T E213
11868 (Starts 07/15/2019, Ends 08/18/2019)	LEC	7:00 pm - 9:30 pm	MTWTh	Wallach, M D	AH/T E312

### **PSYCH 002-Biological Psychology (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 5B CSU B2*

**Enrollment Requirement:** Prerequisite: PSYCH 001

**Advisory:** English 28

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.

11960 (Starts 06/10/2019, Ends 07/14/2019)	LEC	10:40 am - 1:15 pm	MTWTh	Cain, L C	AH/T E213
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## Summer 2019 Schedule

## LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
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### 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 28

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.

12181	LEC	8:00 am - 10:25 am	MTWTh	Bentley, M J	AH/T E213
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(Starts 07/15/2019, Ends 08/18/2019)

15041	LEC	10:30 hrs/wk	TBA	Koritzke, L S	ON LINE
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(Starts 07/15/2019, Ends 08/18/2019)

## Refrigeration & Air Condition Mechanics

### REF A/C 159-Principles And Practices Of Electrical Circuits And Controls - 4 Units

This course provides an introduction to the principles and practices for the installation and maintenance of residential, commercial, and industrial heating, air conditioning, ventilation, and refrigeration control systems. System control equipment selection, maintenance, and safety will be covered.

12175	LEC	6:00 pm - 7:30 pm	MTWTh	STAFF, L	SQ/ B203
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(Starts 06/10/2019, Ends 08/04/2019)

AND

10650	LAB	7:40 pm - 9:50 pm	MTWTh	STAFF, L	SQ/ B203
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(Starts 06/10/2019, Ends 08/04/2019)

### REF A/C 166-Water Towers, Evaporative Condensers And Chemical Treatment - 4 Units

This course will focus on the fundamentals of water towers and evaporative condensers used to obtain high efficiency performance of refrigeration and air conditioning systems. Students will learn how to select the proper size depending on local humidity and desired operating conditions. proper maintenance, additives and procedures and techniques available to the technician.

10661	LEC	6:00 pm - 8:50 pm	MTW	STAFF, L	SQ/ B232
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(Starts 06/10/2019, Ends 08/04/2019)

## Sign Graphics

### SGNGRPH 203-Silk Screen Processing I (RPT 1) - 2 Units

This course will provide an introduction to the screen printing trade. Students will learn to make silk screens and will learn about copy preparation, mesh selection, frames, stencil systems, printing techniques, ink & substrate compatibility, reclamation of screens. Students will print on a variety of surfaces.

12655	LAB	7:00 am - 11:15 am	MTWThF	Johnson, B T	SA/ H230
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(Starts 06/10/2019, Ends 07/14/2019)

### SGNGRPH 204-Silk Screen Processing II - 2 Units

Enrollment Requirement: Prerequisite: SGNGRPH 203

Advisory: SGNGRPH 205

Students will be introduced to the use of solvent based inks; including; color mixing, application, and clean-up. This course also offers practice on a variety of substrates and uses including four color process printing.

12656	LAB	7:00 am - 11:15 am	MTWThF	Johnson, B T	SA/ H230
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(Starts 06/10/2019, Ends 07/14/2019)

**Sociology**

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

*Requirement Designation: Meets IGETC 4J CSU D0*

**Introduction To Sociology**

11365	LEC	7:00 am - 9:30 am	MTWTh	Powell, S B	AH/T E323
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					
12312	LEC	7:30 am - 10:00 am	MTWTh	McClain, F	AH/T E107
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					
11326	LEC	12:30 pm - 2:55 pm	MTWTh	McClain, F	AH/T E107
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					
11335	LEC	12:30 pm - 3:00 pm	MTWTh	McClain, F	AH/T E107
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					
11354	LEC	3:10 pm - 5:40 pm	MTWTh	Tweini, H	AH/T E315
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					
11375	LEC	7:00 pm - 9:30 pm	MTWTh	Garcia, J A	AH/T E323
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					

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

*Requirement Designation: Meets IGETC 4J CSU D0*

**American Social Problems**

14193	LEC	8:30 am - 11:00 am	MTWTh	STAFF, L	AH/T E221
<small>(Starts 06/10/2019, Ends 07/14/2019)</small>					
14195	LEC	10:30 hrs/wk	TBA	STAFF, L	ON LINE
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

**SOC 028-The Family: A Sociological Approach (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 4J CSU D0 E*

**The Family: A Sociological Approach**

13220	LEC	10:40 am - 1:10 pm	MTWTh	Demorst, L	AH/T E120
<small>STEAM ACADEMY (Starts 06/10/2019, Ends 07/14/2019)</small>					
14194	LEC	5:00 pm - 7:25 pm	MTWTh	STAFF, L	AH/T E323
<small>(Starts 07/15/2019, Ends 08/18/2019)</small>					

**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.

11715	LEC	7:00 am - 9:35 am	MTWTh	Quinones, H C	AH/T E120
<small>(Starts 06/10/2019, Ends 08/04/2019)</small>					
11711	LEC	5:00 pm - 7:35 pm	MTWTh	Buscaglia, R	OH/ F222
<small>(Starts 06/10/2019, Ends 08/04/2019)</small>					

## Supervision

### **SUPV 003-Human Relations (Developing Supervisory Leadership) - 3 Units**

Instruction will focus on those human relation skills the supervisory student needs to be well rounded and thoroughly prepared for a work environment characterized by economic volatility, constant change and a new level of competitiveness. This interpersonal skills approach places greater emphasis on the application of knowledge through practice, followed by feedback and reinforcement.

14301      LEC      10:30 hrs/wk      TBA      Mcintosh, A U      ON LINE  
 (Starts 06/10/2019, Ends 07/14/2019)

## Supply Water Technology

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

This course covers the basic math skills needed to perform in the supply & waste 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.

12809      LEC      6:00 pm - 9:10 pm      TW      Kallo, J SOH/ F223  
 (Starts 06/10/2019, Ends 08/04/2019)

## Theater

### **THEATER 100-Introduction To The Theater (UC/CSU) - 3 Units**

*Requirement Designation: Meets IGETC 3A 3B CSU C1*

Students will survey and appreciate the art of theatre. The students are provided a wider basis for both evaluation and enjoyment of the theatrical experience. Students examine all elements of live theatre, its cultural and historical background, the contributions of various theatre artists, and its overall purpose and influence within our society. Students explore all aspects of play production: playwriting, directing, acting, criticism, theatre architecture, set design, costume design, lighting design, and the role of the audience.

10697      LEC      9:40 am - 12:10 pm      MTWTh      Horn, M L      AH/T E301  
 (Starts 06/10/2019, Ends 07/14/2019)

## Visual Communications

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

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

14784      LAB      8:00 am - 12:25 pm      MTWTh      Rodriguez, C J      CY/ D302  
 (Starts 06/10/2019, Ends 07/14/2019)

### **VISCOM 204-Flash Motion Graphics (Beginning Level) (CSU) - 2 Units**

This course concentrates on the basic fundamentals of Adobe Flash software it's tools and techniques. Ad banners and animations will be covered through project development throughout the class.

14785      LEC      8:00 am - 11:20 am      M      Evans, G      CY/ D303  
 (Starts 07/15/2019, Ends 08/18/2019)

**AND**

14786      LAB      8:00 am - 11:20 am      TWTh      Evans, G      CY/ D303  
 (Starts 07/15/2019, Ends 08/18/2019)

## **Welding Gas And Electric**

### **WELDGE 101-Flux Cored Arc Welding (CSU) - 3 Units**

This course provides instructions on the principles, equipment, welding techniques, mode of operations, and safety for flux cored arc welding used for structural steel. The course content follows the FCAW competencies published in American Welding Society Guide for the Training of Welding Personnel: Level I Entry. This course prepares student for the performance portion of the Los Angeles Department of Building and Safety Structural Steel Certified Field Welder Examination.

12988      LAB      7:00 am - 12:15 pm      TWTh      Legohn, L M      OH/ F156  
(Starts 06/10/2019, Ends 08/04/2019)