

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

13437	LEC	8:35 am - 11:05 am	TTh	STAFF, L	CH/ K208
13496	LEC	3:00 pm - 5:35 pm	MW	STAFF, L	CH/ K208
13471	LEC	6:00 pm - 8:30 pm	MW	STAFF, L	CH/ K208

ACCTG 002-Introductory Accounting II (UC/CSU) - 5 Units

Enrollment Requirement: Prerequisite: ACCTG 001

This course will cover managerial and cost accounting topics including cost terms, cost behavior and cost systems as well as the use of accounting data for planning, budgeting, and control.

14986	LEC	8:35 am - 11:05 am	MW	STAFF, L	CH/ K208
26068	LEC	6:00 pm - 8:30 pm	TTh	STAFF, L	CH/ K208

ACCTG 015-Tax Accounting I (CSU) - 3 Units

This course is a study of income taxes as they apply to individuals and sole-proprietorships.

26069	LEC	8:35 am - 11:45 am	Sa	STAFF, L	CH/ K208
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ACCTG 021-Bookkeeping And Accounting I (UC/CSU) - 3 Units

This course covers the basic accounting cycle including adjusting entries and closing entries as well as preparing basic financial statements.

15322	LEC	8:35 am - 11:45 am	F	STAFF, L	CH/ K208
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Administration Of Justice

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

Requirement Designation: Meets IGETC 4H CSU D8

Introduction To Administration Of Justice

16315	LEC	6:00 pm - 9:10 pm	W	STAFF, L	CH/ K324
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ADM JUS 002-Concepts Of Criminal Law (UC/CSU) - 3 Units

Concepts Of Criminal Law

24040	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K222
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Maya Angelou HS

ADM JUS 008-Juvenile Procedures (CSU) - 3 Units

Juvenile Procedures

16905	LEC	6:00 pm - 9:10 pm	M	STAFF, L	CH/ K324
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ADM JUS 073-Law And Minority Groups (CSU) - 3 Units

Law And Minority Groups

17064	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K324
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Class No	Component	Start/End Time	Days	Instructor	Room
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ADM JUS 501-An A To Z Guide To Criminal Justice Careers (CSU) - 3 Units

This course reviews the hot jobs in the criminal justice arena and outlines a method for the student to decide on their career path. Hiring process and interview skills will be explored. Fitness for duty and other physical and physiological characteristics will be discussed. An A to Z guide to Local, State, and Federal Criminal Justice Careers will be presented.

26071	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K324
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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

10473	LEC	8:00 am - 12:05 pm	Sa	Velez, M	MH 308
10455	LEC	8:35 am - 10:40 am	MW	Velez, M	MH 308
27507	LEC	3:00 pm - 5:05 pm	TTh	Jones, L F	MH 309
10506	LEC	5:35 pm - 7:40 pm	MW	Corneal, A S	AH/T E313

A S L 002-American Sign Language II (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 6A 3B CSU C2

Enrollment Requirement: Prerequisite: A S L 001

American Sign Language II

10950	LEC	11:00 am - 1:05 pm	MW	Velez, M	AH/T E208
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A S L 003-American Sign Language III (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 6A 3B CSU C2

Enrollment Requirement: Prerequisite: A S L 002

American Sign Language III

11041	LEC	3:00 pm - 5:05 pm	TTh	Velez, M	MH 308
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A S L 004-American Sign Language Iv (UC/CSU) - 4 Units

Requirement Designation: Meets IGETC 6A 3B CSU C2

Enrollment Requirement: Prerequisite: ASL 003

American Sign Language Iv

21908	LEC	3:00 pm - 5:05 pm	MW	Jones, L F	MH 309
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A S L 030-Finger Spelling I (CSU) - 1 Unit

Finger Spelling I

11147	LAB	5:35 pm - 7:40 pm	T	Velez, M	MH 308
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Class No	Component	Start/End Time	Days	Instructor	Room
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Anatomy

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

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

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

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

15026	LEC	9:35 am - 11:00 am	TTh	STAFF, L	CH/ K305
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AND

15029	LAB	8:00 am - 9:25 am	TTh	STAFF, L	CH/ K468
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15064	LEC	8:00 am - 11:10 am	Sa	Sobhanian, S	CH/ K468
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AND

15076	LAB	11:30 am - 2:40 pm	Sa	Sobhanian, S	CH/ K468
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15040	LEC	2:10 pm - 4:20 pm	M	Denton, T L	CH/ K305
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And	LEC	1:00 hrs/wk	TBA	Denton, T L	ON LINE
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AND

15049	LAB	4:30 pm - 5:55 pm	MW	Denton, T L	CH/ K468
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21987	LEC	7:35 pm - 9:00 pm	TTh	STAFF, L	CH/ K420
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AND

21988	LAB	6:00 pm - 7:25 pm	TTh	STAFF, L	CH/ K406
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15091	LEC	7:00 pm - 8:00 pm	MW	Denton, T L	CH/ K468
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And	LEC	1:10 hrs/wk	TBA	Denton, T L	ON LINE
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AND

15107	LAB	8:10 pm - 9:35 pm	MW	Denton, T L	CH/ K468
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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.

11538	LEC	8:35 am - 10:00 am	MW	Huld, P J AH/T E315
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11574	LEC	10:10 am - 11:35 am	TTh	Huld, P J AH/T E315
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11553	LEC	11:45 am - 1:10 pm	MW	Huld, P J AH/T E315
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24048	LEC	1:10 pm - 2:35 pm	TTh	McDowell, P V	OH/ F223
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Ortho Magnet HS

11671	LEC	1:15 pm - 2:50 pm	TTh	Lima, J L AH/T E312
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(Starts 09/04/2018, Ends 12/16/2018)

11599	LEC	6:00 pm - 9:10 pm	T	Carter, M J	AH/T E323
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11629	LEC	3:10 hrs/wk	TBA	Huld, P J	ON LINE
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Class No	Component	Start/End Time	Days	Instructor	Room
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ANTHRO 102-Human Ways Of Life: Cultural Anthropology (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4A CSU D1*

Comparative survey of human culture, including the study of human society, language, religion, political and economic organization, with examples drawn from contemporary preliterate, peasant, and urban societies.

13840	LEC	8:35 am - 10:00 am	TTh	Huld, P JAH/T E315	
13832	LEC	10:10 am - 11:35 am	MW	Huld, P JAH/T E315	

ANTHRO 111-Laboratory In Human Biological Evolution - 2 Units*Requirement Designation: Meets IGETC 5B CSU B2***Enrollment Requirement:** Corequisite: ANTHRO 101

This course will enable students to apply key concepts and techniques in physical anthropology. Through the understanding and use of scientific methodology, students will experience how to solve problems related to genetics, human variation, the living primates, and human paleontology.

27417	LEC	2:00 hrs/wk	TBA	Huld, P J ON LINE	
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This is an On-Line Lab.

Architectural Interiors

INT 200-Residential Planning (CSU) - 3 Units

Using sustainable Design strategies, standards and geospatial tools (CAD/BIM/GIS), the student will learn how to participate in the interior design profession as a □viewer and a doer□ for the entire life cycle of a building focusing on interior residential planning. Basic concepts will be covered in class to understand the fundamentals variables that determine interior spaces: lights, air, circulation, texture, pattern, geometry, experience, styles, natural resources, energy conservation, form, materials and others. A study is made using a □small house project□ layout, livability, functionality, size, orientation, cost, furnishing, equipment, and ornamentation and future inhabitants. The □small house project□ is put in context through a brief history of American shelters □ their construction types and styles. At this point the student is ready for developing, retrofitting, adding and remodeling the □small house project□ including basic interior construction details and finishes. Residential construction problems are explored with an emphasis placed in functional design.

12131	LEC	7:00 am - 7:30 am	TTh	Lewis, J RH/ C109	
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AND

12139	LAB	7:40 am - 9:35 am	TTh	Lewis, J RH/ C109	
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Architecture

ARC 130-History Of Architecture I (UC/CSU) - 2 Units*Requirement Designation: Meets CSU C1*

History Of Architecture I

15497	LEC	12:45 pm - 2:50 pm	M	Oliva, M	RH/ C107
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ARC 131-History Of Architecture II (UC/CSU) - 2 Units*Requirement Designation: Meets CSU C1*

History Of Architecture II

15502	LEC	12:45 pm - 2:50 pm	T	Lewis, J	RH/ C107
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Class No	Component	Start/End Time	Days	Instructor	Room
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ARC 160-Computers For Designers (CSU) - 3 Units

Computers For Designers

15544 LEC 9:00 am - 11:05 am Sa Oliva, M RH/ C107

AND

15548 LAB 11:15 am - 2:25 pm Sa Oliva, M RH/ C107

ARC 172-Architectural Drawing I (CSU) - 3 Units

Architectural Drawing I

15689 LEC 9:45 am - 10:35 am MW Oliva, M RH/ C107

AND

15692 LAB 10:45 am - 12:10 pm MW Oliva, M RH/ C107

ARC 201-Architectural Design I (UC/CSU) - 3 Units

Architectural Design I

15811 LEC 7:00 am - 7:50 am TTh Oliva, M RH/ C107

AND

15813 LAB 8:00 am - 9:25 am TTh Oliva, M RH/ C107

ARC 271-Architectural Drawing III (CSU) - 3 Units

Architectural Drawing III

15939 LEC 9:45 am - 10:15 am TTh Oliva, M RH/ C109

AND

15940 LAB 10:25 am - 12:20 pm TTh Oliva, M RH/ C109

Art**ART 101-Survey Of Art History I (UC/CSU) - 3 Units***Requirement Designation: Meets IGETC 3A CSU C1*

Survey Of Art History I

16075 LEC 7:00 am - 8:25 am MW Eoff, R J AH/T E401

16079 LEC 10:10 am - 11:35 am MW Eoff, R J AH/T E401

16087 LEC 11:45 am - 1:10 pm MW Mirkovich, M Z AH/T E401

16098 LEC 6:00 pm - 9:10 pm M STAFF, L AH/T E401

ART 102-Survey Of Art History II (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 3A CSU C1*

Survey Of Art History II

16303 LEC 8:35 am - 10:00 am MW Pinto, C D AH/T E401

16307 LEC 3:00 pm - 4:25 pm MW Mirkovich, M Z AH/T E401

ART 103-Art Appreciation I (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 3A CSU C1*

Art Appreciation I

23245 LEC 8:35 am - 10:00 am TTh Pinto, C D AH/T E401

16559 LEC 10:10 am - 11:35 am TTh Pinto, C D AH/T E406

16554 LEC 1:20 pm - 2:45 pm MW Mirkovich, M Z AH/T E401

Class No	Component	Start/End Time	Days	Instructor	Room
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ART 201-Drawing I (UC/CSU) - 3 Units*Requirement Designation: Meets CSU C1***Enrollment Requirement:** Art - Drawing Course Family

Drawing I

17317	LEC	1:30 pm - 3:35 pm	T	Mann, A	AH/T E401
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AND

17318	LAB	3:45 pm - 5:50 pm	T	Mann, A	AH/T E401
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ART 300-Introduction To Painting (UC/CSU) - 3 Units**Enrollment Requirement:** Art - Water Color & Acrylic Course Family

Introduction To Painting

17989	LEC	10:10 am - 12:15 pm	Th	Mann, A	AH/T E401
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AND

17991	LAB	12:25 pm - 2:30 pm	Th	Mann, A	AH/T E401
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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.

16086	LEC	8:00 am - 9:25 am	MW	Khan, M	MH 305
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16107	LEC	10:10 am - 11:35 am	TTh	Klee, V	TBA 1
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The first class meeting will be at Los Angeles Trade-Technical College, class will meet at USC for the rest of the semester.

16091	LEC	1:25 pm - 2:50 pm	MW	Khan, M	CH/ K420
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16123	LEC	5:15 pm - 6:40 pm	TTh	Moreno, M A	AH/T E107
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The first class meeting will be at Los Angeles Trade-Technical College, class will meet at USC for the rest of the semester.

16136	LEC	6:00 pm - 9:10 pm	W	Wilson, J B	MH 309
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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.

16431	LAB	8:00 am - 11:10 am	T	Wilson, J B	CH/ K420
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16436	LAB	7:00 pm - 8:25 pm	TTh	Moreno, M A	AH/T E107
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The first class meeting will be at Los Angeles Trade-Technical College, class will meet at USC for the rest of the semester.

Automotive Collision Repair

AUTOCOR 112-Auto Body Construction, Repair And Welding Fundamentals - 9 Units

This course covers basic auto body construction types, nomenclature, body adjustments, and repairs. Instruction includes welding on high strength steels, alloys, and plastic composites. Replacement of structural and non-structural auto body components is also covered.

16470	LEC	7:00 am - 8:25 am	MW	Ferre, B E	OH/ F132
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AND

16474	LAB	7:00 am - 12:35 pm	TTh	Ferre, B E	OH/ F110
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And	LAB	8:35 am - 12:25 pm	MW	Ferre, B E	OH/ F110
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AUTOCOR 132-Unitized Body Panel, Section, & Frame; Replacement & Alignment - 9 Units

Instruction is given in bolt-on procedures and welding procedures of panel replacements and the use of pulling equipment for proper sheet metal alignment. Students will understand the techniques of outer body panel repairs, replacements, and adjustments. Students will repair, remove and replace steel / aluminum / SMC / plastic body panels, doors, deck lids, bumpers, and hoods. Students will adjust and align panels to manufacturer's specifications. Instruction is given in body section replacement and structural sectioning, including removing and replacing mechanical parts, using manufacturers' body repair manual and I-CAR recommendations. Measuring for cutting and proper alignment of sections is stressed. Students will understand the proper techniques of body/structural sectioning and anti-corrosion protection. Students learn proper frame alignment and the methods of straightening damaged frames and unitized body construction. Students learn to utilize computerized laser beam frame measuring equipment. Boy shop practices are also covered.

16479	LEC	12:30 pm - 1:55 pm	MW	STAFF, L	OH/ F132
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AND

16484	LAB	12:30 pm - 6:20 pm	TTh	STAFF, L	OH/ F132
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And	LAB	2:05 pm - 5:55 pm	MW	STAFF, L	OH/ F110
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AUTOCOR 226-Automotive Collision Repair I - 3 Units

This course introduces students to MIG welding, aluminum welding, and resistance welding. Students will learn to repair and replace body panels on unibody and full-frame vehicles. Repairing and replacing structural panels made of High Strength Steel (HSS), Advanced High Strength Steel (AHSS), and Ultra High Strength Steel (UHSS) are incorporated into this course. Students will learn aluminum welding techniques and panel bonding for both aluminum and steels. Students will understand the proper techniques of body/structural sectioning and anti-corrosion protection. Students will repair vehicles to industry standards.

25706	LEC	7:00 am - 8:05 am	Sa	STAFF, L	OH/ F132
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(Starts 09/03/2018, Ends 12/16/2018)

AND

25707	LAB	8:15 am - 3:40 pm	Sa	STAFF, L	OH/ F110
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(Starts 09/03/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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AUTOCOR 227-Auto Body And Fender II - 3 Units

This course offers advanced training in refinishing, color mixing and matching of OEM (Original Equipment manufacturer) color codes. Proper paint gun operation and use of air pressure and spray patterns are emphasized, as well as VOC (Volatile Organic Compounds) log calculation systems. Students will learn to repair/repaint as required to I-CAR and industry standards. This course will emphasize on the STAR Training Program whose goal is to train technicians to reduce material consumption costs and pollution through increased spray efficiency.

16504	LEC	6:00 pm - 6:30 pm	TTh	STAFF, L	OH/ F132
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AND

16507	LAB	6:40 pm - 9:50 pm	TTh	STAFF, L	OH/ F110
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AUTOCOR 941-Cooperative Education - Automotive Collision Repair - 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.

23761	LEC	4:15 hrs/wk	TBA	Guerra, J	OH/ F214
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Automotive Mechanics Technician

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.

16719	LEC	7:00 am - 8:30 am	MTh	McFall, T J	OH/ F122
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(Starts 10/01/2018, Ends 11/02/2018)

AND

16727	LAB	7:00 am - 11:30 am	TWF	McFall, T J	OH/ F106
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And	LAB	8:40 am - 12:00 pm	MTh	McFall, T J	OH/ F106
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(Starts 10/01/2018, Ends 11/02/2018)

16735	LEC	7:00 am - 8:30 am	MTh	Uribe, J R	OH/ F116
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(Starts 11/05/2018, Ends 12/16/2018)

AND

16741	LAB	7:00 am - 11:20 am	TWF	Uribe, J R	OH/ F108
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And	LAB	8:40 am - 11:30 am	MTh	Uribe, J R	OH/ F108
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(Starts 11/05/2018, Ends 12/16/2018)

23650	LEC	5:30 pm - 6:00 pm	TTh	Goyn, B A	OH/ F128
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(Starts 09/03/2018, Ends 12/16/2018)

AND

23651	LAB	6:10 pm - 9:35 pm	TTh	Goyn, B A	OH/ F128
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(Starts 09/03/2018, Ends 12/16/2018)

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.

16751	LEC	7:00 am - 8:50 am	MTh	Taba, R A	OH/ F130
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(Starts 08/27/2018, Ends 09/28/2018)

AND

16756	LAB	7:00 am - 12:10 pm	TWF	Taba, R A	OH/ F130
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And	LAB	9:00 am - 11:50 am	MTh	Taba, R A	OH/ F130
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(Starts 08/27/2018, Ends 09/28/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
26032 (Starts 09/03/2018, Ends 12/16/2018)	LEC	7:00 am - 8:05 am	Sa	STAFF, L	OH/ F130
AND					
26033 (Starts 09/03/2018, Ends 12/16/2018)	LAB	8:15 am - 3:40 pm	Sa	STAFF, L	OH/ F104
16777 (Starts 11/05/2018, Ends 12/16/2018)	LEC	7:00 am - 8:30 am	MTh	Taba, R A	OH/ F130
AND					
16791	LAB	7:00 am - 11:20 am	TWF	Taba, R A	OH/ F130
And	LAB	8:40 am - 11:30 am	MTh	Taba, R A	OH/ F130
(Starts 11/05/2018, Ends 12/16/2018)					
16743 (Starts 09/03/2018, Ends 12/16/2018)	LEC	5:30 pm - 6:40 pm	M	STAFF, L	OH/ F130
AND					
16745	LAB	5:30 pm - 9:50 pm	W	Taba, R A	OH/ F130
And	LAB	6:50 pm - 9:40 pm	M	STAFF, L	OH/ F130
(Starts 09/03/2018, Ends 12/16/2018)					

AUTORTK 114-Steering,Suspension,Brakes,Principles And Practices (CSU) - 3 Units

This course provides instruction in the theory, design, principles, diagnostics, and proper system service of automotive brake, suspension, and steering systems.

16803 (Starts 08/27/2018, Ends 09/28/2018)	LEC	7:00 am - 8:50 am	MTh	Uribe, J R	OH/ F116
AND					
16809	LAB	7:00 am - 12:10 pm	TWF	Uribe, J R	OH/ F108
And	LAB	9:00 am - 12:00 pm	MTh	Uribe, J R	OH/ F108
(Starts 08/27/2018, Ends 09/28/2018)					
16845 (Starts 10/01/2018, Ends 11/02/2018)	LEC	7:00 am - 8:30 am	MTh	Uribe, J R	OH/ F116
AND					
16855	LAB	7:00 am - 11:30 am	TWF	Uribe, J R	OH/ F108
And	LAB	8:40 am - 12:00 pm	MTh	Uribe, J R	OH/ F108
(Starts 10/01/2018, Ends 11/02/2018)					
16793 (Starts 09/03/2018, Ends 12/16/2018)	LEC	5:30 pm - 6:40 pm	M	STAFF, L	OH/ F120
AND					
16797	LAB	5:30 pm - 9:50 pm	W	STAFF, L	OH/ F108
And	LAB	6:50 pm - 9:40 pm	M	STAFF, L	OH/ F108
(Starts 09/03/2018, Ends 12/16/2018)					

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

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

10278 (Starts 11/05/2018, Ends 12/16/2018)	LEC	7:00 am - 8:30 am	MTh	McFall, T J	OH/ F122
AND					
10315	LAB	7:00 am - 11:20 am	TWF	McFall, T J	OH/ F122
And	LAB	8:40 am - 11:30 am	MTh	McFall, T J	OH/ F122
(Starts 11/05/2018, Ends 12/16/2018)					

Class No	Component	Start/End Time	Days	Instructor	Room
10372 (Starts 08/27/2018, Ends 09/28/2018)	LEC	7:00 am - 8:50 am	MTh	McFall, T J	OH/ F122
AND					
10419	LAB	7:00 am - 12:10 pm	TWF	McFall, T J	OH/ F122
And (Starts 08/27/2018, Ends 09/28/2018)	LAB	9:00 am - 12:00 pm	MTh	McFall, T J	OH/ F122
10190 (Starts 09/03/2018, Ends 12/16/2018)	LEC	5:30 pm - 6:00 pm	TTh	STAFF, L	OH/ F116
AND					
10201 (Starts 09/03/2018, Ends 12/16/2018)	LAB	6:10 pm - 9:35 pm	TTh	STAFF, L	OH/ F106

AUTORTK 122-Electrical/Electronic Systems Theory, Inspection & Repair (CSU) - 3 Units

Instruction on theory, inspection & repair of automotive electronic/electrical systems and components. Emphasis is placed on charging, battery/starting & ignition systems component inspection, diagnosis & repair. This course also offers instruction on electrical wiring diagram analysis.

23248 (Starts 11/05/2018, Ends 12/16/2018)	LEC	7:00 am - 8:30 am	MTh	Mostafa, O	OH/ F128
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AND

23249	LAB	7:00 am - 11:20 am	TWF	Mostafa, O	OH/ F108
And (Starts 11/05/2018, Ends 12/16/2018)	LAB	8:40 am - 11:30 am	MTh	Mostafa, O	OH/ F108

10619 (Starts 10/01/2018, Ends 11/02/2018)	LEC	7:00 am - 8:30 am	MTh	Taba, R A	OH/ F130
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AND

10655	LAB	7:00 am - 11:30 am	TWF	Taba, R A	OH/ F130
And (Starts 10/01/2018, Ends 11/02/2018)	LAB	8:40 am - 12:00 pm	MTh	Taba, R A	OH/ F130

10432 (Starts 09/03/2018, Ends 12/16/2018)	LEC	5:30 pm - 6:40 pm	M	Woo, W F	OH/ F128
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AND

10444	LAB	5:30 pm - 9:50 pm	W	Woo, W F	OH/ F108
And (Starts 09/03/2018, Ends 12/16/2018)	LAB	6:50 pm - 9:40 pm	M	Woo, W F	OH/ F108

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

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

23839 (Starts 10/01/2018, Ends 11/02/2018)	LEC	7:00 am - 8:30 am	MTh	Mostafa, O	OH/ F128
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AND

23840	LAB	7:00 am - 11:30 am	TWF	Mostafa, O	OH/ F108
And (Starts 10/01/2018, Ends 11/02/2018)	LAB	8:40 am - 12:00 pm	MTh	Mostafa, O	OH/ F108

10788 (Starts 08/27/2018, Ends 09/28/2018)	LEC	7:00 am - 8:50 am	MTh	Mostafa, O	OH/ F128
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AND

10821	LAB	7:00 am - 12:10 pm	TWF	Mostafa, O	OH/ F108
And (Starts 08/27/2018, Ends 09/28/2018)	LAB	9:00 am - 12:00 pm	MTh	Mostafa, O	OH/ F108

Class No	Component	Start/End Time	Days	Instructor	Room
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10664 LEC 5:30 pm - 6:00 pm TTh Grissett, R P OH/ F120
 (Starts 09/03/2018, Ends 12/16/2018)

AND

10675 LAB 6:10 pm - 9:35 pm TTh Grissett, R P OH/ F108
 (Starts 09/03/2018, Ends 12/16/2018)

AUTORTK 130-Advanced Automotive Diagnosis and Repair I (CSU) - 3 Units

Instruction is offered on the areas of advanced engine construction & use of engine diagnostic equipment, standard transmissions & clutches, with emphasis on diagnosis and repair procedures. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.

10908 LEC 7:00 am - 8:50 am MTh Ramirez, J L OH/ F120
 (Starts 08/27/2018, Ends 09/28/2018)

AND

10917 LAB 7:00 am - 12:10 pm TWF Ramirez, J L OH/ F106
 And LAB 9:00 am - 12:00 pm MTh Ramirez, J L OH/ F106
 (Starts 08/27/2018, Ends 09/28/2018)

AUTORTK 131-Automotive Theory And Repair II (CSU) - 3 Units

Instruction is offered on the areas of advanced emission systems diagnosis, with emphasis on diagnosis & repair procedures to prepare vehicles for the State of California smog test. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.

10956 LEC 7:00 am - 8:30 am MTh Ramirez, J L OH/ F120
 (Starts 10/01/2018, Ends 11/02/2018)

AND

10978 LAB 7:00 am - 11:30 am TWF Ramirez, J L OH/ F106
 And LAB 8:40 am - 12:00 pm MTh Ramirez, J L OH/ F106
 (Starts 10/01/2018, Ends 11/02/2018)

10928 LEC 5:30 pm - 6:00 pm TTh STAFF, L OH/ F120
 (Starts 09/03/2018, Ends 12/16/2018)

AND

10934 LAB 6:10 pm - 9:35 pm TTh STAFF, L OH/ F106
 (Starts 09/03/2018, Ends 12/16/2018)

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,

11047 LEC 7:00 am - 8:30 am MTh Ramirez, J L OH/ F120
 (Starts 11/05/2018, Ends 12/16/2018)

AND

11060 LAB 7:00 am - 11:20 am TWF Ramirez, J L OH/ F104
 And LAB 8:40 am - 11:30 am MTh Ramirez, J L OH/ F104
 (Starts 11/05/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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AUTORTK 140-Advanced Automotive Diagnosis and Repair IV (CSU) - 3 Units

Classroom lecture is offered in the areas of brake systems, front suspension systems, batteries, starting and charging systems, with emphasis on diagnosis and repair procedures. Shop practice is offered in most areas of automotive repairs: engine, transmissions, tune up, brakes, suspension, steering, and automotive accessories, and various other repairs using available vehicles.

11075 LEC 7:00 am - 8:50 am MTh Rios, M OH/ F124
 (Starts 08/27/2018, Ends 09/28/2018)

AND

11087 LAB 7:00 am - 12:10 pm TWF Rios, M OH/ F104
 And LAB 9:00 am - 12:00 pm MTh Rios, M OH/ F104
 (Starts 08/27/2018, Ends 09/28/2018)

AUTORTK 141-Advanced Automotive Diagnosis and Repair V (CSU) - 3 Units

Advanced instruction in theory, diagnosis, service and repair of electrical systems, charging systems and computer controlled systems. Instruction is offered on, the use of electrical diagnostic equipment, interpretation of wiring diagrams, engine computer controls and charging systems. Shop practice is offered on most areas of automotive repairs: engine, transmissions, drivability, brakes, suspension, steering, and automotive accessories.

11101 LEC 7:00 am - 8:30 am MTh Rios, M OH/ F124
 (Starts 10/01/2018, Ends 11/02/2018)

AND

11108 LAB 7:00 am - 11:30 am TWF Rios, M OH/ F104
 And LAB 8:40 am - 12:00 pm MTh Rios, M OH/ F104
 (Starts 10/01/2018, Ends 11/02/2018)

AUTORTK 142-Advanced Automotive Diagnosis and Repair VI (CSU) - 3 Units

Advanced instruction in theory, diagnosis, service and repair of fuel injection, automatic transmission & heating, ventilation & air conditioning systems.

11121 LEC 7:00 am - 8:30 am MTh Rios, M OH/ F124
 (Starts 11/05/2018, Ends 12/16/2018)

AND

11134 LAB 7:00 am - 11:20 am TWF Rios, M OH/ F104
 And LAB 8:40 am - 11:30 am MTh Rios, M OH/ F104
 (Starts 11/05/2018, Ends 12/16/2018)

AUTORTK 941-Cooperative Education - Automotive And Related 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.

11141 LEC 4:25 hrs/wk TBA Guerra, J OH/ F214

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.

18475	LEC	7:00 am - 9:05 am	F	True, C B	SA/ H334
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AND

18476	LAB	9:15 am - 4:15 pm	F	True, C B	SA/ H315
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18481	LEC	9:30 am - 10:50 am	TWTh	Spence, R T	SA/ H314
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(Starts 10/22/2018, Ends 12/16/2018)

AND

18487	LAB	11:00 am - 3:30 pm	TWTh	Spence, R T	SA/ H315
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(Starts 10/22/2018, Ends 12/16/2018)

18492	LEC	10:00 am - 11:15 am	TWTh	True, C B	SA/ H330
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(Starts 08/27/2018, Ends 10/21/2018)

AND

18498	LAB	11:25 am - 3:50 pm	TWTh	True, C B	SA/ H315
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(Starts 08/27/2018, Ends 10/21/2018)

PROFBKG 121-Beginning Yeast Breads And Quickbreads - 6 Units

Enrollment Requirement: Prerequisite: PROFBKG 112 and CLN ART 112

Class introduces student to volume lean & rich yeast bread and quick bread production with an emphasis on flour usage, chemical and natural leavening agents, as well as fat and sugar ingredient identification. Speed, accuracy, and increased productivity are stressed along with preparation of a variety of bread products up to industry standards.

18501	LEC	10:30 am - 12:35 pm	MTWTh	Damaso, S D	SA/ H301
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(Starts 08/27/2018, Ends 10/21/2018)

AND

18502	LAB	6:45 am - 10:20 am	MTWTh	Damaso, S D	SA/ H315
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(Starts 08/27/2018, Ends 10/21/2018)

PROFBKG 122-Artesian Breads, Specialty Breads - 6 Units

Enrollment Requirement: Prerequisite: CLN ART 112, PROFBKG 112 and PROFBKG 121

Recognize formulas and demonstrate the ability to alter formulas in yeast, rolled-in, and quick bread formulas central to this class. View bread baking from an artisan's prospective. Explore the fundamentals of baking science: How a formula works including changes of yields and altering percentages of ingredients in formulas to produce desired results are stressed. Work on increasing productivity, speed and accuracy is continued in this class.

18504	LEC	6:45 am - 8:50 am	MTWTh	Damaso, S D	SA/ H315
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(Starts 10/22/2018, Ends 12/16/2018)

AND

18506	LAB	9:00 am - 1:00 pm	MTWTh	Damaso, S D	SA/ H301
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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PROFBKG 131-Baking Procedures And Theory Of Ingredients II - 6 Units

Enrollment Requirement: Prerequisite: CLN ART 112, PROFBKG 112, PROFBKG 121 and PROFBKG 122

The course covers a wide range of baking techniques and topics with concentration on the composition of restaurant style plated desserts made up of a number of components.

18510 LEC 7:30 am - 9:35 am MTWTh Wemischner, R B SA/ H334
(Starts 08/27/2018, Ends 10/21/2018)

AND

18511 LAB 9:45 am - 1:45 pm MTWTh Wemischner, R B SA/ H354
(Starts 08/27/2018, Ends 10/21/2018)

PROFBKG 132-Baking Processes And Ingredient Control II - 6 Units

Enrollment Requirement: Prerequisite: CLN ART 112, PROFBKG 112, PROFBKG 121, PROFBKG 122 and PROFBKG 131

Students will discuss and demonstrate contemporary style multi-component plated restaurant style desserts. Topics include traditional composed desserts, modern menu fusion, international/ethnic and classical dessert combinations.

18515 LEC 7:30 am - 9:35 am MTWTh Wemischner, R B SA/ H334
(Starts 10/22/2018, Ends 12/16/2018)

AND

18520 LAB 9:45 am - 1:45 pm MTWTh Wemischner, R B SA/ H315
(Starts 10/22/2018, Ends 12/16/2018)

PROFBKG 141-Baking Procedures And Theory Of Ingredients III - 6 Units

Enrollment Requirement: Prerequisite: CLN ART 111, CLN ART 112, PROFBKG 112, PROFBKG 121, PROFBKG 122, PROFBKG 131 and PROFBKG 132

This class applies procedures and techniques for preparing advanced decorative bakery items for display in a professional food service facility. Students will prepare and demonstrate various advanced techniques including: Molded and tempered chocolate show pieces, marzipan, nougatine, pastillage, pulled and molded sugar, wedding and other occasional cakes, rolled and poured fondant, and gum paste will be prepared and evaluated.

18524 LEC 10:40 am - 12:45 pm MTWTh True, C B SA/ H330
(Starts 10/22/2018, Ends 12/16/2018)

AND

18529 LAB 6:30 am - 10:30 am MTWTh True, C B SA/ H315
(Starts 10/22/2018, Ends 12/16/2018)

Barbering

BAR 113-Freshman Barbering I - 6 Units

The beginning course includes sanitation, client protection, scalp treatments, shampooing, hair cutting, finger waves, curl constructions, and manicuring.

11337 LEC 12:30 pm - 2:00 pm MWTh Robinson, E J MH 233
And LEC 12:30 pm - 2:00 pm T Warren, D K MH 233
(Starts 08/27/2018, Ends 10/21/2018)

AND

11344 LAB 2:10 pm - 7:10 pm MWTh Robinson, E J MH 128
And LAB 2:10 pm - 7:10 pm T Warren, D K MH 128
(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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BAR 114-Freshman Barbering II - 6 Units

Enrollment Requirement: Prerequisite: BAR 113

Beginning course with plain facials, permanent waving techniques, hair cutting with a razor and clippers and thermal texture hair styling.

11351	LEC	12:30 pm - 2:00 pm	MWTh	Robinson, E J	MH 233
And	LEC	12:30 pm - 2:00 pm	T	Warren, D K	MH 233

(Starts 10/22/2018, Ends 12/16/2018)

AND

11360	LAB	2:10 pm - 7:45 pm	MWTh	Robinson, E J	MH 128
And	LAB	2:10 pm - 7:10 pm	T	Warren, D K	MH 128

(Starts 10/22/2018, Ends 12/16/2018)

BAR 123-Barbering Jr. Salon I - 6 Units

Enrollment Requirement: Prerequisite: BAR 114

The students will be exposed to intermediate instructions in chemical straightening, thermal straightening and curling, permanent waving, skin and hair care, with instructions of hair cutting.

25745	LEC	4:30 pm - 5:40 pm	MTWThF	STAFF, L	MH 238
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(Starts 08/27/2018, Ends 10/21/2018)

AND

25747	LAB	5:50 pm - 9:50 pm	MTWThF	STAFF, L	MH 238
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(Starts 08/27/2018, Ends 10/21/2018)

BAR 124-Barberng Jr Saln II - 6 Units

Enrollment Requirement: Prerequisite: BAR 123

The students are instructed in advanced permanent waving, soft permanent wave, men hairpieces, thermal straightening and curling, hair cutting, clipper cutting and electricity.

25746	LEC	4:30 pm - 5:45 pm	MTWThF	STAFF, L	MH 238
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(Starts 10/22/2018, Ends 12/16/2018)

AND

25748	LAB	5:55 pm - 10:05 pm	MTWThF	STAFF, L	MH 238
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(Starts 10/22/2018, Ends 12/16/2018)

BAR 133-Barbering Jr. Salon III - 6 Units

Enrollment Requirement: Prerequisite: BAR 114

The course will cover basic, intermediate, and advance hair coloring, bleaching, lighteners, facial hair color, and color correction techniques. Course will cover shaving techniques and soft perm waving. The subjects mentioned will be discussed.

11373	LEC	12:30 pm - 2:00 pm	MWTh	Robinson, E J	MH 233
And	LEC	12:30 pm - 2:00 pm	T	Warren, D K	MH 233

(Starts 08/27/2018, Ends 10/21/2018)

AND

11387	LAB	2:10 pm - 7:10 pm	MWTh	Robinson, E J	MH 128
And	LAB	2:10 pm - 7:10 pm	T	Warren, D K	MH 128

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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BAR 134-Barbering Jr. Salon IV - 6 Units

Enrollment Requirement: Prerequisite: BAR 133

The course will cover basic, intermediate, and advance hair coloring, bleaching, lighteners, facial hair color, and color correction techniques.

11398	LEC	12:30 pm - 2:00 pm	MWTh	Robinson, E J	MH 233
And	LEC	12:30 pm - 2:00 pm	T	Warren, D K	MH 233

(Starts 10/22/2018, Ends 12/16/2018)

AND

11407	LAB	2:10 pm - 7:10 pm	MWTh	Robinson, E J	MH 128
And	LAB	2:10 pm - 7:10 pm	T	Warren, D K	MH 128

(Starts 10/22/2018, Ends 12/16/2018)

Basic Skills

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

Basic English Skills

26170	LEC	8:00 am - 11:20 am	MW	STAFF, L	MA 109A-1
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Part One (TABE E and M) - English || Session I

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

(Starts 08/27/2018, Ends 10/21/2018)

26174	LEC	8:00 am - 11:20 am	MW	STAFF, L	MA 109A-1
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Part One (TABE E and M) - English || Session II

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

(Starts 10/22/2018, Ends 12/16/2018)

26177	LEC	8:00 am - 11:20 am	MW	STAFF, L	MA 109A-2
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Part Two (TABE D and A) - English || Session I

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

(Starts 08/27/2018, Ends 10/21/2018)

26179	LEC	8:00 am - 11:20 am	MW	STAFF, L	MA 109A-2
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Part Two (TABE D and A) - English || Session II

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

(Starts 10/22/2018, Ends 12/16/2018)

27216	LEC	8:00 am - 11:20 am	F	STAFF, L	MA 109A-2
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Part Two (TABE D and A) - English || Full Semester

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

26181	LEC	11:45 am - 2:50 pm	TTh	STAFF, L	OH/ F229
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Part One (TABE E and M) - Reading || Session I

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

(Starts 08/27/2018, Ends 10/21/2018)

26261	LEC	11:45 am - 3:00 pm	MW	STAFF, L	MA 109A-1
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Part One - Reading || Session II

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

(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
26183	LEC	2:30 pm - 4:00 pm	MTWTh	STAFF, L	CY/ D204
Part One (TABE E and M) - Reading Session I This class is for students preparing to complete the Language Arts - Reading portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 08/27/2018, Ends 10/21/2018)					
26262	LEC	2:30 pm - 4:00 pm	MTWTh	STAFF, L	MA 109A-1
Part One - Reading Session II This class is for students preparing to complete the Language Arts - Reading portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 10/22/2018, Ends 12/16/2018)					
26173	LEC	6:00 pm - 9:20 pm	MW	STAFF, L	MA 109A-1
Part One (TABE E and M) - English Session I This class is for students preparing to complete the Language Arts - Writing portion of the GED. For more information, visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 08/27/2018, Ends 10/21/2018)					
26175	LEC	6:00 pm - 9:20 pm	MW	STAFF, L	MA 109A-1
Part One (TABE E and M) - English Session II This class is for students preparing to complete the Language Arts - Writing portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 10/22/2018, Ends 12/16/2018)					
26178	LEC	6:00 pm - 9:20 pm	MW	STAFF, L	MA 109A-2
Part Two (TABE D and A) - English Session I This class is for students preparing to complete the Language Arts - Writing portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 08/27/2018, Ends 10/21/2018)					
26180	LEC	6:00 pm - 9:20 pm	MW	STAFF, L	MA 109A-2
Part Two (TABE D and A) - English Session II This class is for students preparing to complete the Language Arts - Writing portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109). (Starts 10/22/2018, Ends 12/16/2018)					
BSICKL 023CE-College And Scholastic Assessment Preparation (Repeatable) - 0 Unit					
College And Scholastic Assessment Preparation					
26263	LEC	8:00 am - 12:30 pm	Sa	STAFF, L	MA 109A-2
GED Preparation Part Two - Social Studies This class is for students preparing to complete the Social Studies portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109).					
27763	LEC	11:00 am - 3:50 pm	M		OFF CAMP
[Partnerships] This class is for Harts Academy students.					
27764	LEC	1:45 pm - 6:15 pm	F		
[Partnerships] This class is for Early College Academy students.					
27762	LEC	2:00 pm - 4:05 pm	TTh	STAFF, L	OFF CAMP
[Partnerships] This class is for Bishop Conaty students.					
26264	LEC	3:25 pm - 5:35 pm	MW	STAFF, L	MA 109N
GED Preparation Part Two - Science This class is for students preparing to complete the Social Studies portion of the GED. For more information visit Academic Connections in Mariposa Hall (Room MA 109).					
26266	LEC	3:25 pm - 5:35 pm	TTh	STAFF, L	MA 109A-2
GED Preparation Part Two - College Assessment and Scholastic Prep This class helps students prepare for the GED and to transition to credit pathways. For more information visit Academic Connections in Mariposa Hall (Room MA 109).					

Class No	Component	Start/End Time	Days	Instructor	Room
26601	LEC	4:00 pm - 6:05 pm	MW	STAFF, L	OH/ F229
And	LEC	4:00 pm - 6:05 pm	T	STAFF, L	OH/ F229
And	LEC	4:00 pm - 6:05 pm	Th	STAFF, L	OH/ F229
(Starts 08/27/2018, Ends 10/21/2018)					
26603	LEC	4:00 pm - 6:05 pm	MW	STAFF, L	OH/ F229
And	LEC	4:00 pm - 6:05 pm	T	STAFF, L	OH/ F229
And	LEC	4:00 pm - 6:05 pm	Th	STAFF, L	OH/ F229
Academic Connections - TEAS Prep Session II (Starts 10/22/2018, Ends 12/16/2018)					

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

Basic Math Skills

25977 LEC 8:00 am - 10:05 am T STAFF, L MA 109A-1

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

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

(Starts 08/27/2018, Ends 10/21/2018)

AND

25997 LAB 8:00 am - 11:10 am Th STAFF, L MA 109A-1

And LAB 10:05 am - 11:10 am T STAFF, L MA 109A-1

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

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

(Starts 08/27/2018, Ends 10/21/2018)

26025 LEC 8:00 am - 10:05 am T STAFF, L MA 109A-1

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

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

(Starts 10/22/2018, Ends 12/16/2018)

AND

26027 LAB 8:00 am - 11:10 am Th STAFF, L MA 109A-1

And LAB 10:05 am - 11:10 am T STAFF, L MA 109A-1

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

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

(Starts 10/22/2018, Ends 12/16/2018)

27726 LEC 8:00 am - 10:05 am T STAFF, L MA 109A-2

Part One (TABE D and A) - Math || Session I

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

(Starts 08/27/2018, Ends 10/21/2018)

AND

27727 LAB 8:00 am - 11:10 am Th MA 109-2

And LAB 10:05 am - 11:10 am T STAFF, L MA 109-2

Part One (TABE D and A) - Math || Session I

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

(Starts 08/27/2018, Ends 10/21/2018)

27728 LEC 8:00 am - 10:05 am T STAFF, L MA 109A-2

(Starts 10/22/2018, Ends 12/16/2018)

AND

27729 LAB 8:00 am - 11:10 am Th MA 109A-2

And LAB 10:05 am - 11:10 am T STAFF, L MA 109A-2

(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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27217 LEC 11:50 am - 12:55 pm F STAFF, L MA 109A-2

Part One (TABE D and A) - Math || Full Semester

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

AND

27218 LAB 12:55 pm - 3:05 pm F STAFF, L MA 109A-2

Part One (TABE D and A) - Math || Full Semester

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

26028 LEC 6:00 pm - 8:05 pm T STAFF, L MA 109A-1

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

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

(Starts 10/22/2018, Ends 12/16/2018)

AND

26029 LAB 6:00 pm - 9:10 pm Th STAFF, L MA 109A-1

And LAB 8:05 pm - 9:10 pm T STAFF, L MA 109A-1

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

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

(Starts 10/22/2018, Ends 12/16/2018)

26002 LEC 6:15 pm - 8:20 pm T STAFF, L MA 109A-1

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

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

(Starts 08/27/2018, Ends 10/21/2018)

AND

26003 LAB 6:15 pm - 9:20 pm Th STAFF, L MA 109A-1

And LAB 8:20 pm - 9:20 pm T STAFF, L MA 109A-1

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

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

(Starts 08/27/2018, Ends 10/21/2018)

27730 LEC 6:15 pm - 8:20 pm T STAFF, L MA 109A-2

(Starts 08/27/2018, Ends 10/21/2018)

AND

27731 LAB 6:15 pm - 9:20 pm Th MA 109A-2

And LAB 8:20 pm - 9:20 pm T STAFF, L MA 109A-2

(Starts 08/27/2018, Ends 10/21/2018)

27732 LEC 6:15 pm - 8:20 pm T STAFF, L MA 109A-2

(Starts 10/22/2018, Ends 12/16/2018)

AND

27733 LAB 6:15 pm - 9:25 pm Th MA 109A-2

And LAB 8:20 pm - 9:25 pm T STAFF, L MA 109A-2

(Starts 10/22/2018, Ends 12/16/2018)

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

Basic Computer Literacy

27771 LEC 10:00 am - 12:20 pm M STAFF, L OFF CAMP

[Partnerships]

This class is for Edison MS students.

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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26247 LEC 11:45 am - 1:50 pm T STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session I

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 08/27/2018, Ends 10/21/2018)

AND

26250 LAB 11:45 am - 2:50 pm Th STAFF, L MA 109A-1

And LAB 2:00 pm - 3:10 pm T STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session I

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 08/27/2018, Ends 10/21/2018)

26257 LEC 11:45 am - 1:50 pm T STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session II

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 10/22/2018, Ends 12/16/2018)

AND

26258 LAB 11:45 am - 3:00 pm Th STAFF, L MA 109A-1

And LAB 2:00 pm - 3:20 pm T STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session II

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 10/22/2018, Ends 12/16/2018)

26259 LEC 3:30 pm - 5:35 pm T STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session II

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 10/22/2018, Ends 12/16/2018)

AND

26260 LAB 5:45 pm - 10:00 pm T STAFF, L MA 109A-1

(Starts 10/22/2018, Ends 12/16/2018)

26252 LEC 4:10 pm - 6:15 pm W STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session I

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 08/27/2018, Ends 10/21/2018)

AND

26256 LAB 4:10 pm - 5:40 pm Th STAFF, L MA 109A-1

And LAB 6:25 pm - 9:00 pm W STAFF, L MA 109A-1

Part One GED Prep - Computer Literacy || Session I

This class is for students preparing to complete the GED online or students wishing to improve their computer literacy skills. For more information, visit Academic Connections in Mariposa Hall (Room MA 109).

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

15957	LEC	9:05 am - 10:30 am	MW	Aguilar, J	CH/ K420
AND					
15964	LAB	7:30 am - 8:55 am	MW	Aguilar, J	CH/ K468
16458	LEC	8:00 am - 11:10 am	Sa	Aniceto, E	CH/ K420
AND					
16495	LAB	11:30 am - 2:40 pm	Sa	Aniceto, E	CH/ K408
16194	LEC	8:20 am - 11:30 am	F	Harris, K	MH 308
AND					
16217	LAB	12:00 pm - 3:10 pm	F	Harris, K	CH/ K408
15991	LEC	10:45 am - 12:10 pm	MW	Gee, A	MH 305
AND					
16001	LAB	9:05 am - 10:30 am	MW	Gee, A	CH/ K468
16332	LEC	9:30 am - 12:40 pm	F	Gbonegun, O B	CH/ K420
AND					
16363	LAB	1:00 pm - 4:10 pm	F	Gbonegun, O B	CH/ K468
15975	LEC	11:20 am - 12:45 pm	TTh	Abdulmalek, S	CH/ K406
AND					
15981	LAB	1:00 pm - 2:25 pm	TTh	Abdulmalek, S	CH/ K408
16236	LEC	11:20 am - 12:45 pm	MW	Aguilar, J	MH 308
AND					
16259	LAB	1:00 pm - 2:25 pm	MW	Aguilar, J	CH/ K408
16121	LEC	1:00 pm - 2:25 pm	MW	Pantastico Caldas, M C	CH/ K406
AND					
16140	LAB	2:35 pm - 4:00 pm	MW	Pantastico Caldas, M C	CH/ K406
16286	LEC	1:00 pm - 2:25 pm	TTh	Neddermeyer, K	CH/ K422
AND					
16306	LAB	2:35 pm - 4:00 pm	TTh	Neddermeyer, K	CH/ K408
16040	LEC	2:45 pm - 4:10 pm	MW	Wong, R K	CH/ K408
AND					
16059	LAB	4:20 pm - 5:45 pm	MW	Wong, R K	CH/ K408
16389	LEC	6:00 pm - 7:25 pm	TTh	Lavinger, S W	CH/ K408
AND					
16422	LAB	7:35 pm - 9:00 pm	TTh	Lavinger, S W	CH/ K408

Class No	Component	Start/End Time	Days	Instructor	Room
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BIOLOGY 005-Introduction To Human Biology (UC/CSU) - 4 Units*Requirement Designation: Meets IGETC 5B 5C CSU B2 B3*

Introduction To Human Biology

18055	LEC	9:35 am - 11:00 am	TTh	Liu, J C	JH/S T303
AND					
18063	LAB	8:00 am - 9:25 am	TTh	Liu, J C	CH/ K408
26611	LEC	11:40 am - 2:50 pm	Sa	Mirzaton, A	CH/ K420
AND					
26612	LAB	8:00 am - 11:10 am	Sa	Mirzaton, A	CH/ K408
18043	LEC	9:50 am - 11:15 am	MW	Denton, T L	JH/S T301
AND					
18046	LAB	11:25 am - 12:50 pm	MW	Denton, T L	CH/ K408
18034	LEC	11:30 am - 12:55 pm	TTh	Olsen, B D	CH/ K422
AND					
18038	LAB	1:05 pm - 2:30 pm	TTh	Olsen, B D	CH/ K468
18091	LEC	1:10 pm - 2:35 pm	TTh	Kim, O S	CH/ K424
AND					
18103	LAB	2:45 pm - 4:10 pm	TTh	Kim, O S	CH/ K468
18074	LEC	6:00 pm - 7:25 pm	TTh	Bryan, R	CH/ K468
AND					
18083	LAB	7:35 pm - 9:00 pm	TTh	Bryan, R	CH/ K468
26613	LEC	7:35 pm - 9:00 pm	MW	STAFF, L	CH/ K406
AND					
26614	LAB	6:00 pm - 7:25 pm	MW	STAFF, L	CH/ K408

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.

18157	LEC	9:00 am - 10:25 am	MW	Pantastico Caldas, M C	CH/ K422
AND					
18159	LAB	9:00 am - 12:15 pm	F	Pantastico Caldas, M C	CH/ K468
And	LAB	10:35 am - 12:00 pm	MW	Pantastico Caldas, M C	CH/ K468

Building Construction Techniques**BLDGCTQ 009-Energy Auditor - Residential - 3 Units**

A course focusing on residential energy requirements, loss and efficiency. How energy is used and lost will be discussed, along with the testing techniques and approaches to measure the amount of energy lost.

Students will learn the components of an energy audit report and complete necessary forms.

26040	LEC	6:00 pm - 9:10 pm	W	STAFF, L	SQ/ B105
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Class No	Component	Start/End Time	Days	Instructor	Room
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BLDGCTQ 010-Energy And Utility Industry Careers (RPT 3) - 3 Units

This course reviews the hot jobs in the energy and utility industry. and outlines a method for the student to decide on their career path. Hiring process and interview skills will be explored. Fitness for duty and other physical and physiological characteristics will be discussed. An A to Z guide to private, State, Federal, and international career opportunities will be presented.

18537 LEC 6:00 pm - 9:10 pm Th Iadevaia, R E SQ/ B302

BLDGCTQ 012-Energy Auditor - Residential Practices - 1 Unit

A course focusing on the practical application of residential energy requirements, loss and efficiency. Testing techniques and measurement the amount of energy lost. Students will perform actual energy audits of simulated structures and complete necessary forms.

26041 LAB 6:00 pm - 9:10 pm F STAFF, L SQ/ B120

BLDGCTQ 101-Contract's License Law (CSU) - 3 Units

Contractor's License Law is designed to prepare personnel in the construction industry on the California Law requirements for attaining a California State Contractor's License. Topics covered are License Law, Mechanic's Lien Law, Employment Regulations, Worker's Compensation, Safety in Employment and Business Management.

18544 LEC 6:00 pm - 9:10 pm F Whitaker, J K SQ/ B330

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.

18551 LEC 6:00 pm - 8:05 pm Th Elarton-Selig, W D SQ/ B136

BLDGCTQ 941-Cooperative Education - Building Construction Techniques (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.

21649 LEC 4:15 hrs/wk TBA Blumenfeld, S TBA 1

Please send your best email address to Blumens@lattc.edu once you enroll in this Co-Op Ed class.

Business

BUS 001-Introduction To Business (UC/CSU) - 3 Units

Introduction To Business

15685 LEC 8:35 am - 10:00 am MW Sonnier, G D CH/ K210

15691 LEC 10:10 am - 11:35 am TTh Sonnier, G D CH/ K210

15700 LEC 1:35 pm - 4:45 pm W STAFF, L CH/ K324

15713 LEC 6:00 pm - 9:10 pm M STAFF, L CH/ K222

Class No	Component	Start/End Time	Days	Instructor	Room
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BUS 005-Business Law I (UC/CSU) - 3 Units

Business Law I

16490	LEC	1:35 pm - 4:45 pm	M	STAFF, L	CH/ K324
16500	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K222
16483	LEC	3:10 hrs/wk	TBA	Sonnier, G D	ON LINE

BUS 006-Business Law II (UC/CSU) - 3 Units

Business Law II

16680	LEC	8:35 am - 10:00 am	TTh	Sonnier, G D	CH/ K210
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BUS 022-The Business Of Electronic Commerce (UC/CSU) (RPT 2) - 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.

16697	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K210
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BUS 032-Business Communications (CSU) - 3 Units

Business Communications

16725	LEC	10:10 am - 12:15 pm	M	Sonnier, G D	CH/ K210
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AND

16728	LAB	10:10 am - 12:15 pm	W	Sonnier, G D	CH/ K210
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16720	LEC	1:35 pm - 3:40 pm	T	Wilson-Aus, A M	CH/ K322
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AND

16721	LAB	1:35 pm - 3:40 pm	Th	Wilson-Aus, A M	CH/ K322
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BUS 038-Business Computations (CSU) - 3 Units

Business Computations

16796	LEC	1:35 pm - 4:45 pm	T	Ahmad, J	CH/ K324
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16800	LEC	6:00 pm - 9:10 pm	W	STAFF, L	CH/ K222
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BUS 941-Cooperative Education - Business (CSU) (RPT 3) - 4 Units

Cooperative Education - Business

23095	LEC	4:30 hrs/wk	TBA	Dam, M C	CH/ K208
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(Starts 09/04/2018, Ends 12/16/2018)

Counseling

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

Interpersonal Relationships

12540	LEC	10:40 am - 12:45 pm	W	Cole, L E	ST 401
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(Starts 08/27/2018, Ends 10/21/2018)

12562	LEC	1:30 pm - 3:35 pm	W	STAFF, L	JH/S T301
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This course is designated for students who have been accepted and are active within Puente. If you are interested in joining Puente please contact Ms. Jolene Martin at MartinJM3@lattc.edu

(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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COUNSEL 004-Career Planning (CSU) - 1 Unit

Career Planning

12901	LEC	1:00 pm - 3:05 pm	Th	Skinner, K D	JH/S T301
<i>(Starts 08/27/2018, Ends 10/21/2018)</i>					
12928	LEC	1:30 pm - 3:55 pm	Th	STAFF, L	JH/S T303
<i>(Starts 10/22/2018, Ends 12/16/2018)</i>					

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

Requirement Designation: Meets CSU E

Post-Secondary Education: The Scope Of Career Planning

14551	LEC	8:30 am - 11:45 am	F	Hermosillo, A M	JH/S T301
14376	LEC	11:25 am - 12:50 pm	TTh	Olguin, S	JH/S T301
14345	LEC	11:45 am - 1:10 pm	TTh	Salmons, I	JH/S T303
14357	LEC	1:30 pm - 2:55 pm	T	Hosseini, A	JH/S T301
And	LEC	1:25 hrs/wk	TBA	Hosseini, A	ON LINE
24671	LEC	3:30 pm - 4:30 pm	T	Salmons, I	JH/S T303
And	LEC	3:15 hrs/wk	TBA	Salmons, I	ON LINE
<i>(Starts 09/25/2018, Ends 12/16/2018)</i>					
22459	LEC	4:00 pm - 5:25 pm	W	STAFF, L	JH/S T303
And	LEC	1:30 hrs/wk	TBA	STAFF, L	JH/S T301

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

Post-Secondary Education: College Success

24672	LEC	11:00 am - 11:50 am	F	Olguin, S	JH/S T303
And	LEC	3:50 hrs/wk	TBA	Olguin, S	ON LINE
<i>(Starts 10/05/2018, Ends 12/16/2018)</i>					
15655	LEC	4:30 pm - 6:35 pm	W	Olguin, S	JH/S T301
<i>(Starts 10/22/2018, Ends 12/16/2018)</i>					
15666	LEC	4:30 pm - 6:35 pm	W	Salmons, I	JH/S T301
<i>(Starts 10/22/2018, Ends 12/16/2018)</i>					

COUNSEL 022-The Transfer Process (RPT 1) - 1 Unit

The Transfer Process

22402	LEC	12:10 pm - 2:35 pm	F	STAFF, L	JH/S T303
<i>(Starts 09/07/2018, Ends 12/16/2018)</i>					
14682	LEC	1:10 pm - 3:35 pm	M	Salmons, I	JH/S T303
<i>(Starts 10/22/2018, Ends 12/16/2018)</i>					

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.

20045	LEC	10:40 am - 12:05 pm	TTh	Blumenfeld, S	SQ/ B136
26050	LEC	6:00 pm - 9:10 pm	W	STAFF, L	SQ/ B136

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

20097 LEC 6:00 pm - 9:10 pm M Alvarez, J L SQ/ B102

CRPNTRY 114-Hand And Power Tool Application (CSU) - 4 Units

Enrollment Requirement: Corequisite: CRPNTRY 115 and CRPNTRY 117

This course focuses on the safe use of hand and power tools used in the carpentry and construction industry. Operation and safety instruction will be given on both portable and stationary power tools including skill saws, table saws, jointers, planers, band saws, etc. Students will use hand and power tools to complete woodworking and carpentry projects.

20048 LAB 7:00 am - 10:30 am MWF Olszewski, J R SQ/ B104

CRPNTRY 115-Basic Blueprint Reading And Core Construction Skills (CSU) - 3 Units

Students will be familiarized with the basic terms for construction drawings, components, and symbols. Emphasis is placed on the different types of drawings and how to interpret and use the Information. Students will also complete core construction training in safety, hand tools, power tools, communications, materials handling, and material handling. Successful completion can lead to NCCER Core certification.

20052 LAB 7:00 am - 10:35 am TTh STAFF, L SQ/ B104

CRPNTRY 117-Construction Materials - 2 Units

Enrollment Requirement: Corequisite: CRPNTRY 114 and CRPNTRY 115

This course focuses on building materials such as concrete, steel and a variety of woods used for exterior and interior carpentry finish; insulation, flashing, roof covering, interior and exterior wall covering, wood trim and other finish materials in residential construction; rough and finish hardware such as nails, screws, bolts, timber fasteners, gang nailing, power fastening, powder actuated fasteners, joist hangers, clips, etc.; methods of installation

20056 LAB 10:40 am - 11:55 am MWF Olszewski, J R SQ/ B104

CRPNTRY 123-Basic House Construction (CSU) - 6 Units

Enrollment Requirement: Prerequisite: CRPNTRY 114

Corequisite: CRPNTRY 124

This course covers the basic framing operations involved in residential construction. students will complete the framing process using large scale models. Basic construction tool operations, and processes will be emphasized and tested.

20059 LAB 7:00 am - 2:35 pm TTh Olszewski, J R SQ/ B102

CRPNTRY 124-Blueprint Reading And Estimating I - 3 Units

Enrollment Requirement: Prerequisite: CRPNTRY 115

Corequisite: CRPNTRY 123

Students will learn blueprint reading through the process of estimation. Material take offs, detail methods, labor calculations, profit, overhead and bid procedures will be examined.

20062 LAB 7:00 am - 10:35 am MW Williams, D L SQ/ B104

Class No	Component	Start/End Time	Days	Instructor	Room
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CRPNTRY 130-Calculations And Measurement For Woodworking Students II - 3 Units

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

20064	LEC	10:40 am - 12:05 pm	MW	Blumenfeld, S	SQ/ B102
26051	LEC	6:00 pm - 9:10 pm	F	STAFF, L	SQ/ B136

CRPNTRY 132-Applied Blueprint Reading (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CRPNTRY 124

Corequisite: CRPNTRY 133 and CRPNTRY 134 and CRPNTRY 135

This course focuses on construction documents used in the construction of residential and light commercial projects. Emphasis is placed on the interpretation of drawings, standards, specifications, and symbols used in construction. Gathering information for material requirements and estimates will be major component of the course.

20067	LAB	8:30 am - 12:05 pm	MW	Alvarez, J L	SQ/ B105
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CRPNTRY 133-Advanced Residential Estimating (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CRPNTRY 123 and CRPNTRY 124

Corequisite: CRPNTRY 132 and CRPNTRY 134 and CRPNTRY 135

Students complete a comprehensive residential estimation project including materials, labor, overheads costs and expenses. Students perform materials take off using detailed and unit methods. Students estimate concrete and rebar requirements, lumber needs for floor, wall and roof construction as well as interior and exterior finishing materials. Labor costs are also calculated for common construction jobs. At the end of the course students will complete a comprehensive estimate for a residential construction project.

20070	LEC	7:00 am - 8:25 am	MW	Alvarez, J L	SQ/ B105
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CRPNTRY 134-Advanced Residential Construction (CSU) - 4 Units

Enrollment Requirement: Prerequisite: CRPNTRY 123

Corequisite: CRPNTRY 132 and CRPNTRY 133 and CRPNTRY 135

This course is a continuation of Basic Construction, Students will complete framing operations involving floor, wall, ceiling and roof construction. In addition, this course goes into greater depth in the areas of rough in for the preparation of electrical, plumbing, heating and ventilation.

20072	LEC	6:50 am - 8:15 am	TTh	Alvarez, J L	SQ/ B102
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AND

20074	LAB	8:25 am - 10:30 am	TTh	Alvarez, J L	SQ/ B104
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CRPNTRY 135-Concrete Construction (CSU) - 2 Units

Enrollment Requirement: Prerequisite: CRPNTRY 123

Corequisite: CRPNTRY 132 and CRPNTRY 133 and CRPNTRY 134

Students explore and experience concrete concepts and forming. Emphasis will be placed on slab on grade forms and construction and stem forming. Students will use leveling instruments to square, level and layout buildings and forms.

20078	LAB	7:00 am - 11:15 am	F	Alvarez, J L	SQ/ B105
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Class No	Component	Start/End Time	Days	Instructor	Room
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CRPNTRY 144-Residential Exterior Finish (CSU) - 4 Units

Enrollment Requirement: Prerequisite: CRPNTRY 134

Corequisite: CRPNTRY 145

In this course, students will learn the tools, techniques, and principles of residential exterior finish. Students will install exterior finish materials such as siding, stucco and shingles. An emphasis will be placed on installation of roofing materials such as asphalt shingles.

20081	LAB	7:00 am - 10:30 am	MWF	STAFF, L	SQ/ B104
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CRPNTRY 145-Residential Interior Finish (CSU) - 5 Units

Enrollment Requirement: Prerequisite: CRPNTRY 134

Corequisite: CRPNTRY 144

The course will focus on the materials, practices, and principles of interior finish work for residential construction. Emphasis will be placed on drywall installation and finishing, installation of interior door, installation of door hardware. Students will also install door and window casing, baseboard, and crown molding. Stair layout and construction will also be reviewed.

20085	LAB	7:00 am - 12:50 pm	TTh	STAFF, L	SQ/ B102
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CRPNTRY 148-Computer Assisted Estimating I - 3 Units

Students receive instruction in using specialized software to generate 2D and 3D plans for residential construction. Emphasis will be placed on using the developed plans to generate estimation information including material and cut lists.

26045	LEC	6:00 pm - 6:50 pm	MW	Williams, D L	SQ/ B120
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AND

26046	LAB	7:00 pm - 9:05 pm	MW	Williams, D L	SQ/ B120
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CRPNTRY 149-Computer Assisted Estimating II (CSU) - 3 Units

This course includes instruction in advanced computer assisted estimating techniques. students will learn to make design projects with emphasis on material applications, structural design, framing lumber, concrete reinforcement, producing a cost break down and bidding procedures.

20089	LEC	6:00 pm - 6:50 pm	MW	Williams, D L	SQ/ B120
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AND

20090	LAB	7:00 pm - 9:05 pm	MW	Williams, D L	SQ/ B120
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CRPNTRY 170-Introduction To Cnc Woodworking Machining And Programming - 3 Units

This course presents an introduction to the use of a CNC router. Topics include safety, feed speeds, spindle speeds, tooling , setups and programming to include related attachments and accessories for the machine.

24883	LEC	12:30 pm - 1:20 pm	TTh	Hubbard, L	SQ/ B120
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AND

24884	LAB	1:30 pm - 3:35 pm	TTh	Hubbard, L	SQ/ B120
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CRPNTRY 941-Cooperative Education - Carpentry (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.

23228	LEC	4:15 hrs/wk	TBA	Blumenfeld, S	SQ/ B105
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Please send your best email address to Blumens@lattc.edu once you enroll in this Co-Op Ed class.

Class No	Component	Start/End Time	Days	Instructor	Room
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Chemical Technology

CHEM T 132-Quantitative And Instrumental Analysis I (CSU) - 5 Units

This course is dedicated to the study of principles and concepts of Quantitative and Instrumental methods of analysis including techniques using gravimetric and titrimetric analysis. Instrumental analysis such as, Gas Chromatography, Infrared Chromatography, Atomic Absorption and others are offered.

17208	LEC	7:00 am - 8:25 am	MW	Lee, H	CH/ K466
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AND

17213	LAB	8:35 am - 11:50 am	MW	Lee, H	CH/ K466
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CHEM T 133-Organic Chemistry I (CSU) - 4 Units

This course includes systematic study of hydrocarbons including nomenclature, physical and chemical properties, occurrence, synthesis, and reactions of alkanes, alkenes, and alkynes. Laboratory studies include distillations, liquid-liquid extractions, and chromatographic techniques and IR spectroscopy.

17215	LEC	7:00 am - 8:05 am	TTh	Acosta, M	CH/ K466
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AND

17217	LAB	8:05 am - 11:10 am	TTh	Acosta, M	CH/ K466
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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

Fundamentals Of Chemistry I

13665	LEC	11:25 am - 3:50 pm	Sa	Parkin, S H	MH 305
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AND

13680	LAB	8:00 am - 11:15 am	Sa	Parkin, S H	CH/ K464
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13613	LEC	8:30 am - 11:40 am	W	Diaz, M	CH/ K464
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And	LEC	12:00 pm - 1:05 pm	W	STAFF, L	CH/ K424
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AND

13623	LAB	8:30 am - 11:40 am	M	Diaz, M	CH/ K464
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13745	LEC	10:00 am - 12:05 pm	MW	Acosta, M	JH/S T303
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AND

13765	LAB	12:15 pm - 3:25 pm	M	Acosta, M	CH/ K464
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13702	LEC	10:10 am - 2:25 pm	F	Houben, K F	CH/ K321
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AND

13721	LAB	3:00 pm - 6:10 pm	F	Houben, K F	CH/ K464
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13785	LEC	12:40 pm - 2:45 pm	TTh	Shukla Deo, C	MH 305
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AND

13803	LAB	6:30 pm - 9:40 pm	W	Harper Delupio, R V	CH/ K464
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13637	LEC	1:10 pm - 3:15 pm	MW	Lee, H	JH/S T301
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AND

13646	LAB	3:25 pm - 6:35 pm	W	Lee, H	CH/ K464
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13824	LEC	4:10 pm - 6:15 pm	TTh	Jacoby, F J	CH/ K420
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AND

13845	LAB	6:30 pm - 9:40 pm	Th	Jacoby, F J	CH/ K464
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Class No	Component	Start/End Time	Days	Instructor	Room
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CHEM 070-Introductory Organic And Biochemistry (UC/CSU) - 4 Units

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

Enrollment Requirement: Prerequisite: CHEM 065 or CHEM 101 or CHEM 051

This course is an introductory organic chemistry and biochemistry course. The physical properties, nomenclature, structural and chemical properties of alkanes, alkenes, aromatics, alkynes, alcohols, aldehydes, ketones, carboxylic acids, esters, amides and amines are introduced. The chemistry and properties of the four main classes of biological molecules: carbohydrates, lipids, amino acids, and nucleic acids are also covered. The physical and chemical properties of compounds are used to characterize them in the laboratory.

16191	LEC	11:00 am - 2:15 pm	Sa	Houben, K F	CH/ K406
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AND

16192	LAB	2:25 pm - 5:40 pm	Sa	Houben, K F	CH/ K464
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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

General Chemistry I

16523	LEC	8:00 am - 11:10 am	Sa	Shukla Deo, C	CH/ K305
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AND

16525	LAB	11:50 am - 6:20 pm	Sa	Dhar, G	CH/ K466
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16538	LEC	10:10 am - 11:35 am	MW	Houben, K F	CH/ K406
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AND

16541	LAB	12:20 pm - 3:35 pm	MW	Houben, K F	CH/ K466
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16548	LEC	10:10 am - 11:35 am	TTh	Weber, K H	CH/ K406
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AND

16556	LAB	11:45 am - 3:00 pm	TTh	Weber, K H	CH/ K466
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16567	LEC	4:30 pm - 5:55 pm	TTh	Villena-Visi, M Z	MH 305
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AND

16575	LAB	6:30 pm - 9:35 pm	TTh	Villena-Visi, M Z	CH/ K466
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CHEM 102-General Chemistry II (UC/CSU) - 5 Units

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

Enrollment Requirement: Prerequisite: CHEM 101

General Chemistry II

16936	LEC	8:00 am - 11:10 am	F	Lee, H	CH/ K305
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AND

16944	LAB	11:50 am - 6:20 pm	F	Lee, H	CH/ K466
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16918	LEC	1:10 pm - 2:35 pm	TTh	Sachdev, V	CH/ K406
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AND

16921	LAB	3:20 pm - 6:25 pm	TTh	Sachdev, V	CH/ K466
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16927	LEC	4:30 pm - 5:55 pm	MW	Acosta, M	AH/T E410
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AND

16932	LAB	6:30 pm - 9:40 pm	MW	Acosta, M	CH/ K466
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CHEM 185-Directed Study - Chemistry (CSU) (RPT 2) - 1 Unit

Directed Study - Chemistry

16997	LEC	1:05 hrs/wk	TBA	Diaz, M	CH/ K406
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(Starts 08/27/2018, Ends 12/09/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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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

Organic Chemistry For Science Majors I

17072 LEC 4:30 pm - 5:55 pm MW Shukla, B MH 308

AND

17074 LAB 6:30 pm - 9:40 pm MW Shukla, B CH/ K464

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

Organic Chemistry For Science Majors II

26925 LEC 10:10 am - 11:35 am TTh Diaz, M CH/ K424

AND

26926 LAB 12:00 pm - 3:10 pm TTh STAFF, L CH/ K464

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.

19030 LEC 8:35 am - 10:00 am MW Vega, C CH/ K262

19036 LEC 8:35 am - 10:00 am TTh Patron, A CH/ K321

19049 LEC 9:00 am - 12:10 pm Sa STAFF, L CH/ K222

19031 LEC 10:10 am - 11:35 am MW Patron, A CH/ K321

19033 LEC 10:10 am - 11:35 am TTh Patron, A CH/ K321

19041 LEC 11:45 am - 2:55 pm T Maina, R G CH/ K222

19057 LEC 6:00 pm - 9:10 pm M STAFF, L CH/ K321

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.

19324 LEC 8:35 am - 10:00 am MW Maina, R G CH/ K222

19325 LEC 6:00 pm - 9:10 pm T STAFF, L CH/ K321

Class No	Component	Start/End Time	Days	Instructor	Room
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CH DEV 007-Introduction To Curriculum In Early Childhood Education (CSU) - 3 Units**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 002

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

19423	LEC	11:45 am - 2:55 pm	W	Vega, C	CH/ K262
19424	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K262

CH DEV 008-Curriculum In Early Childhood Education (CSU) - 3 Units**Enrollment Requirement:** Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 007

Students design and evaluate developmentally appropriate curriculum and environments for young children from birth to age 8. Based on the value of play, students demonstrate the teacher's role in applying theory to practice in supporting children's concept development. Preparing and assessing the implementation of curriculum will include but not be limited to: language and literacy, social studies, art and creativity, music and rhythm, perceptual motor development, mathematics, natural and physical sciences.

26078	LEC	11:45 am - 2:55 pm	W	Patron, A	CH/ K321
19462	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K262

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

19497	LEC	10:10 am - 11:35 am	TTh	Vega, C	CH/ K262
19499	LEC	11:45 am - 2:55 pm	M	STAFF, L	CH/ K321
19504	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K258

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.

10753	LEC	8:35 am - 10:00 am	TTh	Maina, R G	CH/ K222
10772	LEC	9:00 am - 12:10 pm	Sa	Riley, L	CH/ K262
10740	LEC	10:10 am - 11:35 am	MW	Vega, C	CH/ K262

Class No	Component	Start/End Time	Days	Instructor	Room
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CH DEV 022-Practicum In Child Development I (CSU) - 4 Units

Enrollment Requirement: Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 007 and CH DEV 008 and CH DEV 011

Students are assigned to an approved Early Care and Education program to practice and demonstrate developmentally appropriate early childhood program planning and teaching competencies under the supervision of an ECD/CD faculty and other qualified early education professionals. Students utilize practical classroom experiences to make connections between theory and practice, develop professional behaviors, and build a comprehensive understanding of children and families. Child centered, play-oriented approaches to teaching, learning, assessment, and knowledge of curriculum content areas is emphasized as student teachers design, implement and evaluate experiences that promote positive development and learning.

11396	LEC	1:30 pm - 3:35 pm	W	STAFF, L	CH/ K222
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AND

11401	LAB	6:45 hrs/wk	TBA	STAFF, L	CH/ K222
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11418	LEC	6:00 pm - 8:05 pm	W	STAFF, L	CH/ K258
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AND

11432	LAB	6:45 hrs/wk	TBA	STAFF, L	CH/ K258
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CH DEV 023-Practicum In Child Development II (CSU) - 4 Units

Enrollment Requirement: Prerequisite: CH DEV 022

This course provides an advanced practicum experience. Students apply assessment strategies to plan, implement, and evaluate developmentally appropriate activities. Techniques that promote partnerships between teachers and families are developed. An educational philosophy statement, a resume and a professional portfolio are created. Students assigned to directed practicum teaching in a child development center demonstrate professional and ethical behaviors

11705	LEC	6:00 pm - 8:05 pm	W	STAFF, L	CH/ K321
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AND

11710	LAB	6:45 hrs/wk	TBA	STAFF, L	CH/ K321
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CH DEV 030-Infant And Toddler Studies I (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001

Infant And Toddler Studies I

11863	LEC	8:35 am - 10:00 am	MW	Patron, A	CH/ K321
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22390	LEC	6:00 pm - 9:10 pm	W	STAFF, L	CH/ K262
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CH DEV 034-Observing And Recording Children'S Behavior (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001

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

12108	LEC	10:10 am - 11:35 am	TTh	Maina, R G	CH/ K222
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12120	LEC	6:00 pm - 9:10 pm	M	STAFF, L	CH/ K262
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Class No	Component	Start/End Time	Days	Instructor	Room
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CH DEV 038-Administration & Supervision Of Early Childhood Programs I (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001 and CH DEV 002 and CH DEV 010 and CH DEV 011

Administration & Supervision Of Early Childhood Programs I

12371	LEC	10:10 am - 11:35 am	MW	Maina, R G	CH/ K222
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22391	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K321
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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.

12618	LEC	11:45 am - 1:10 pm	MW	Maina, R G	CH/ K222
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12637	LEC	11:45 am - 1:10 pm	TTh	Patron, A	CH/ K321
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12655	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	CH/ K258
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CH DEV 044-Early Intervention For Children With Special Needs (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001 and CH DEV 030

This course is designed for students interested in specializing in working with young children with exceptional needs and their families. Instruction focuses on accommodating and adapting the physical environment, instructional strategies and curriculum to meet the needs of differently-abled very young children and their families.

22401	LEC	8:35 am - 10:00 am	TTh	Vega, C	CH/ K262
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CH DEV 046-School Age Programs I (CSU) - 3 Units

Enrollment Requirement: Prerequisite: CH DEV 001

This course examines school age care programs designed for those planning to work in before and after school programs. The students will explore the developmental needs of school age children, program models, creation of environments, classroom management techniques and designing developmentally appropriate experiences as well as curriculum.

12990	LEC	9:00 am - 12:10 pm	Sa	STAFF, L	CH/ K321
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CH DEV 048-Positive Guidance In Early Childhood Settings (CSU) - 3 Units

Positive Guidance In Early Childhood Settings

26079	LEC	11:45 am - 1:10 pm	TTh	STAFF, L	CH/ K262
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CH DEV 941-Cooperative Education - Child Development (CSU) - 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

23055	LEC	4:15 hrs/wk	TBA	Dam, M C	CH/ K208
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Communication Studies

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

Requirement Designation: Meets IGETC 1C CSU A1

Public Speaking

18741	LEC	7:00 am - 8:25 am	TTh	Glavan, J J	AH/T E206
18750	LEC	8:35 am - 10:00 am	MW	McDermott, D A	AH/T E206
18772	LEC	8:35 am - 10:00 am	TTh	McDermott, D A	AH/T E206
18804	LEC	8:35 am - 11:45 am	Sa	Casarez, R A	AH/T E201
19020	LEC	8:35 am - 10:00 am	MW	Glavan, J J	AH/T E210
22170	LEC	8:35 am - 10:00 am	TTh	Glavan, J J	AH/T E201
18923	LEC	9:00 am - 12:15 pm	F	Mock, J C	AH/T E201
18747	LEC	10:10 am - 11:35 am	MW	McDermott, D A	AH/T E206
18762	LEC	10:10 am - 11:35 am	TTh	McDermott, D A	AH/T E206
18783	LEC	10:10 am - 11:35 am	TTh	Glavan, J J	AH/T E201
18840	LEC	10:10 am - 11:35 am	MW	Glavan, J J	AH/T E201
18755	LEC	11:45 am - 1:10 pm	MW	Glavan, J J	AH/T E206
18830	LEC	11:45 am - 1:10 pm	TTh	McDermott, D A	AH/T E206
18939	LEC	1:20 pm - 2:45 pm	MW	Glavan, J J	AH/T E206
18987	LEC	4:45 pm - 8:00 pm	F	Mock, J C	AH/T E201
18855	LEC	6:00 pm - 9:10 pm	M	Mock, J C	AH/T E201
18871	LEC	6:00 pm - 9:10 pm	W	Mock, J C	AH/T E201
18890	LEC	6:00 pm - 9:10 pm	Th	Mock, J C	AH/T E201
18908	LEC	6:00 pm - 9:10 pm	T	Mock, J C	AH/T E201

Community Planning/Economic Development

COMPLAN 001-Introduction To Community Economic Development (CSU) - 3 Units

This course is an introduction to the theory, history, and practice of community development. The course covers: neighborhood development and community building strategies; land use and real estate development; and business and labor force development strategies used to revitalize urban neighborhoods. Students will produce a neighborhood plan using e-planning tools including: asset maps, an economic development and a workforce development plan.

20023	LEC	6:00 pm - 9:10 pm	M	Torres, B	AH/T E312
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COMPLAN 006-Managing Non-Profit And Public Organizations (CSU) - 3 Units

This course deals with the organizational opportunities and challenges faced by directors and managers of non-profit and public service organizations. The course teaches students the skills and knowledge to effectively manage and function within non-profit organizations. Topics covered include an overview of the non-profit sector, organizational governance and leadership, program planning, implementation and evaluation, and fundraising strategies.

26242	LEC	6:00 pm - 9:10 pm	W	Vela-Lovelace, V L	TBA 1
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Class No	Component	Start/End Time	Days	Instructor	Room
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COMPLAN 011-Professional Development Skills/Issues In Community Dev (CSU) - 3 Units

Students will learn to identify and understand a variety of personal, professional development strategies, writing and communication skills and industry networks/language used by professionals in community development corporations, community-organizing networks and community-based non-profit organizations.

25548	LEC	6:00 pm - 9:10 pm	T	Torres, L	TBA 1
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COMPLAN 012-Fundraising Basics For Nonprofit Organizations (UC/CSU) - 1 Unit

This course provides students with a basic understanding of fundraising and grant development concepts, strategies and tools applicable to non-profit organizations.

26489	LEC	6:00 pm - 9:20 pm	Th	STAFF, L	TBA 1
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(Starts 11/08/2018, Ends 12/13/2018)

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

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

25550	LEC	6:00 pm - 9:20 pm	Th	STAFF, L	TBA 1
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(Starts 08/30/2018, Ends 11/01/2018)

Computer Applications Office Technology

CAOT 002-Computer Keyboarding II (CSU) - 3 Units

Students continue to improve keyboarding techniques, speed, and accuracy through drills and timed writings. They use Microsoft Word to create memos, letters, reports, and tables as well as focus on improving proofreading skills.

17128	LEC	7:00 am - 8:05 am	MW	Bailey, P	CH/ K320
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AND

17130	LAB	8:15 am - 9:50 am	MW	Bailey, P	CH/ K320
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CAOT 007-Machine Transcription - 3 Units

Machine Transcription

22996	LEC	7:30 am - 8:35 am	TTh	Bailey, P	CH/ K320
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AND

22997	LAB	8:45 am - 9:50 am	TTh	Bailey, P	CH/ K320
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CAOT 020-Medical Office Procedures (CSU) - 5 Units

Medical Office Procedures

17214	LEC	1:30 pm - 3:45 pm	TTh	STAFF, L	CH/ K320
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AND

17216	LAB	3:55 pm - 5:00 pm	TTh	Haymon, S B	CH/ K320
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CAOT 030-Office Procedures (CSU) - 3 Units

Office Procedures

17244	LEC	1:30 pm - 3:35 pm	M	STAFF, L	CH/ K210
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AND

17246	LAB	3:45 pm - 5:50 pm	M	STAFF, L	CH/ K210
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Class No	Component	Start/End Time	Days	Instructor	Room
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CAOT 033-Records Management And Filing - 2 Units

Students learn creation, storage, disposition and preservation of all types of documents using alphabetic, geographic, numeric, and subject methods. Includes database management on a microcomputer.

22998	LEC	1:30 pm - 2:34 pm	W	STAFF, L	CH/ K210
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AND

22999	LAB	2:44 pm - 4:50 pm	W	STAFF, L	CH/ K210
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CAOT 034-Business Terminology (CSU) - 2 Units

This course will enrich vocabulary and improve spelling with particular emphasis on terminology used in a business environment.

23001	LEC	1:30 pm - 3:35 pm	Th	STAFF, L	CH/ K210
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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.

17608	LEC	6:00 pm - 7:05 pm	TTh	STAFF, L	CH/ K320
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AND

17611	LAB	7:15 pm - 9:00 pm	TTh	STAFF, L	CH/ K320
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CAOT 084-Microcomputer Office Applications: Word Processing (CSU) - 3 Units

Use basic and advanced commands in Microsoft Word or other word processing software to create, format, edit, save, and print documents including letters, tables, reports, and merge documents. Use desktop publishing features to create newsletters, brochures, fliers, and resumes.

17786	LEC	10:10 am - 11:15 am	TTh	Bailey, P	CH/ K320
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AND

17791	LAB	11:25 am - 1:10 pm	TTh	Bailey, P	CH/ K320
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26072	LEC	6:00 pm - 7:05 pm	MW	STAFF, L	CH/ K320
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AND

26073	LAB	7:15 pm - 9:05 pm	MW	STAFF, L	CH/ K320
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CAOT 085-Microcomputer Office Applications: Spreadsheet (CSU) - 3 Units

Microcomputer Office Applications: Spreadsheet

17840	LEC	10:10 am - 10:40 am	MW	Bailey, P	CH/ K320
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AND

17843	LAB	10:50 am - 1:10 pm	MW	Bailey, P	CH/ K320
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CAOT 086-Microcomputer Office Applications: Database (CSU) - 3 Units

Students learn office database applications using a relational database program, Microsoft Access. The course covers records design, file creation and maintenance, and data manipulation and presentation. It emphasizes business applications such as records for personnel, inventory, and sales.

26074	LEC	1:30 pm - 2:35 pm	MW	STAFF, L	CH/ K320
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AND

26075	LAB	2:45 pm - 4:35 pm	MW	STAFF, L	CH/ K320
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Class No	Component	Start/End Time	Days	Instructor	Room
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CAOT 101-Hands-On Internet - 1 Unit

This course provides hands-on introduction to the World Wide Web and its components with emphasis on using traditional Internet services, downloading programs, sharing files, using e-mail, extending browser capabilities and increasing Web security.

17938	LEC	1:30 pm - 2:00 pm	T	STAFF, L	CH/ K210
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(Starts 09/03/2018, Ends 12/16/2018)

AND

17939	LAB	2:10 pm - 3:40 pm	T	STAFF, L	CH/ K210
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(Starts 09/03/2018, Ends 12/16/2018)

Computer Information Systems

CO INFO 011-Network Security Fundamentals (CSU) - 3 Units

This course provides instruction and hands-on training in the following computer information systems concepts: Basic security principles, methods of establishing security baselines, and the most recent attack and defense techniques and technologies. It will also help prepare for CompTIA's examination and professional security certification. Course covers an overview of current network security tools, specific skills and related topics, and insight into future trends and issues in network security.

12885	LEC	8:00 am - 10:05 am	Sa	STAFF, L	CH/ K304
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AND

12895	LAB	10:15 am - 12:20 pm	Sa	STAFF, L	CH/ K304
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CO INFO 012-Web Security (CSU) - 3 Units

This course is designed to educate users in the technologies, terms, and processes related to Internet Security. Methods for testing security and implementing proper defense measures are covered for both Linux and Windows Operating Systems.

21921	LEC	6:00 pm - 8:05 pm	M	STAFF, L	CH/ K307
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AND

21922	LAB	6:00 pm - 8:05 pm	W	STAFF, L	CH/ K307
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CO INFO 040-Beginning Level Programming/Computer Games (CSU) - 3 Units

This course will provide students with a basic understanding of how a game 'idea' is transformed to a marketable product, while educating them on the roles and duties of a game development team and the practices exercised within the game development industry. This course is an in-depth study of level plans for computer video games.

21919	LEC	3:45 pm - 5:50 pm	M	STAFF, L	CH/ K307
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AND

21920	LAB	3:45 pm - 5:50 pm	W	STAFF, L	CH/ K307
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Class No	Component	Start/End Time	Days	Instructor	Room
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CO INFO 700-Computer Concepts (CSU) - 3 Units

This course provides an overview of Information Technology concepts that explore the aspects of computer hardware and software, operating systems and networking, programming, and the Internet. Class lectures cover prevailing industry terminologies and the latest breakthroughs in the field of Information Technology that span the convergent branches of hardware, software, and the Internet as evident in today's social media wherein online human interaction is mediated by advanced hardware/software technologies, and the so-called 'Internet of Things' where all digital devices known to humankind are connected and how they affect modern society. This course is designed for students with minimal or no previous computer background and those who need to refresh their knowledge with the latest terms and trends in Information Technology.

13026	LEC	12:00 pm - 2:05 pm	T	STAFF, L	CH/ K304
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AND

13035	LAB	12:00 pm - 2:05 pm	Th	STAFF, L	CH/ K304
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13049	LEC	3:45 pm - 5:50 pm	M	STAFF, L	CH/ K304
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AND

13063	LAB	3:45 pm - 5:50 pm	W	STAFF, L	CH/ K304
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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.

13069	LEC	7:00 am - 9:05 am	T	Pakbaz, M	CH/ K307
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AND

13079	LAB	7:00 am - 9:05 am	Th	Pakbaz, M	CH/ K307
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13090	LEC	7:00 am - 9:05 am	M	STAFF, L	CH/ K307
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AND

13102	LAB	7:00 am - 9:05 am	W	STAFF, L	CH/ K307
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13118	LEC	6:00 pm - 8:05 pm	T	STAFF, L	CH/ K304
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AND

13135	LAB	6:00 pm - 8:05 pm	Th	STAFF, L	CH/ K304
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CO INFO 709-Visual Basic Programming (UC/CSU) - 3 Units

The primary topic of this class is the structure and methods of the Visual Basic programming system. This system is widely used to create computer applications that include interaction with a user, and is called object-oriented programming.

13141	LEC	6:00 pm - 8:05 pm	T	STAFF, L	CH/ K307
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AND

13148	LAB	6:00 pm - 8:05 pm	Th	STAFF, L	CH/ K307
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CO INFO 733-Microcomputer Database Programming (CSU) - 3 Units

A complete presentation of relational database management systems using Microsoft Access, including database design, creating and modifying macros, queries, forms, and reports. Using VBA and SQL are also included in this course.

13160	LEC	9:15 am - 11:20 am	T	Pakbaz, M	CH/ K307
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AND

13165	LAB	9:15 am - 11:20 am	Th	Pakbaz, M	CH/ K307
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Class No	Component	Start/End Time	Days	Instructor	Room
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CO INFO 734-Operating Systems (UC/CSU) - 3 Units

This course provides students a solid foundation in the basics of the open-source Linux operating system that currently powers a majority of network servers the world over due to its robust features from security to efficiency, reliability, and its modest cost-of-ownership. Unix/Linux powers a greater segment of the Internet than Microsoft. Topics included are An Overview of the Linux Architecture, The Kernel and Shell, File System, Users and Groups Management, Permission and Ownership Management, Services and Processes Management. Students gain system-level experience through problem-solving hands-on lab exercises at the command line and in the graphical user interface.

21910	LEC	3:45 pm - 5:50 pm	T	STAFF, L	CH/ K304
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AND

21911	LAB	3:45 pm - 5:50 pm	Th	STAFF, L	CH/ K307
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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.

13168	LEC	12:00 pm - 2:05 pm	M	Pakbaz, M	CH/ K307
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AND

13176	LAB	12:00 pm - 2:05 pm	W	Pakbaz, M	CH/ K307
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CO INFO 743-Object-Oriented Programming In C++ (UC/CSU) - 3 Units

This course develops an understanding of Object-Oriented programming. It includes Object-oriented analysis and design. Major topics include classes, constructor, destructor, accessor and mutator functions, overloaded functions and operators, inheritance, and polymorphism.

13182	LEC	12:00 pm - 2:05 pm	T	Pakbaz, M	CH/ K307
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AND

13190	LAB	12:00 pm - 2:05 pm	Th	Pakbaz, M	CH/ K307
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CO INFO 757-Xhtml Programming And Applications (CSU) - 3 Units

The course covers the fundamental operations of the eXtensible HyperText Markup Language (XHTML) system. It consists of projects that provide experience in the methods used to produce and modify documents for the World Wide Web.

23004	LEC	6:00 pm - 8:05 pm	M	STAFF, L	CH/ K304
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AND

23005	LAB	6:00 pm - 8:05 pm	W	STAFF, L	CH/ K304
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CO INFO 762-Introduction to Javascript Programming (CSU) - 3 Units

This class provides an introduction to the use of the JavaScript programming system. It emphasizes the syntax and grammar of its coding language and it is embedded into the Web page structure. The method of instruction is projects which include the design and implementation of calculations and related actions into a Web page.

26076	LEC	9:15 am - 11:20 am	M	Pakbaz, M	CH/ K307
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AND

26077	LAB	9:15 am - 11:20 am	W	Pakbaz, M	CH/ K307
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Class No	Component	Start/End Time	Days	Instructor	Room
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CO INFO 790-Programming In Java (UC/CSU) - 3 Units

This course covers the fundamental operations of the Java programming system. It consists of projects that provide experience in the methods used to create Java applications and applet that will run in Internet web pages. Also to create GUI user interface screens.

21916	LEC	3:45 pm - 5:50 pm	T	STAFF, L	CH/ K307
AND					
21917	LAB	3:45 pm - 5:50 pm	Th	STAFF, L	CH/ K307

Coop Ed

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

Work Experience - General I

24217	LEC	2:05 hrs/wk	TBA	Dam, M C	CH/ K208
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COOP ED 295-Work Experience - General I (CSU) - 2 Units

Work Experience - General I

23096	LEC	4:15 hrs/wk	TBA	Galindo, M	CH/ K222
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(Starts 10/22/2018, Ends 12/16/2018)

24218	LEC	4:15 hrs/wk	TBA	Dam, M C	CH/ K208
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COOP ED 395-Work Experience - General I (CSU) - 3 Units

Work Experience - General I

26084	LEC	3:20 hrs/wk	TBA	Dam, M C	CH/ K208
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20038	LEC	3:20 hrs/wk	TBA	Morley Mower, C A	CH/ K208
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(Starts 09/04/2018, Ends 12/14/2018)

Cosmetology

CSMTLGY 035-Skin Therapy I (NDA) - 6 Units

Students will be introduced to disinfection and sanitation procedures, basic facial manipulations, proper cleansing, toning and moisturizing applications, masks and pack techniques and operational procedures for using facial machines.

20103	LEC	12:30 pm - 1:40 pm	MTWThF	Ley, L G	MH 138
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(Starts 08/27/2018, Ends 10/21/2018)

AND

20105	LAB	1:50 pm - 5:55 pm	MTWThF	Ley, L G	MH 253
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(Starts 08/27/2018, Ends 10/21/2018)

CSMTLGY 036-Skin Therapy II (NDA) - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 035

Students will be introduced to waxing services, makeup applications, desincrustation, iontophoresis, light therapy and high frequency treatments. Skin analysis equipment, facial and body machines, airbrushing machines and hair removal techniques will be employed.

20107	LEC	12:30 pm - 1:45 pm	MTWThF	Ley, L G	MH 138
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(Starts 10/22/2018, Ends 12/16/2018)

AND

20108	LAB	1:55 pm - 6:10 pm	MTWThF	Ley, L G	MH 253
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

26007 LEC 2:00 am - 3:30 am MTWTh STAFF, L MH 138
(Starts 10/22/2018, Ends 12/16/2018)

25966 LEC 2:00 pm - 3:30 pm MTWTh STAFF, L MH 138
(Starts 08/27/2018, Ends 10/21/2018)

CSMTLGY 111-Freshman Cosmetology - 6 Units

The course covers basic manipulative skills and proper application of shampooing, scalp treatments, finger waving, curl construction, hair design, haircutting, and manicuring. Basic lecture and theory include topics on bacteriology, trichology, decontamination.

20113 LEC 7:00 am - 8:30 am MTWTh Botma, S M MH 238
(Starts 08/27/2018, Ends 10/21/2018)

AND

20114 LAB 8:40 am - 1:50 pm MTWTh Botma, S M MH 238
(Starts 08/27/2018, Ends 10/21/2018)

20116 LEC 7:00 am - 8:30 am MTW Maine, M K MH 237
And LEC 7:00 am - 8:30 am Th Williams, S A MH 237
(Starts 08/27/2018, Ends 10/21/2018)

AND

20118 LAB 8:40 am - 1:50 pm MTW Maine, M K MH 237
And LAB 8:40 am - 1:50 pm Th Williams, S A MH 237
(Starts 08/27/2018, Ends 10/21/2018)

20110 LEC 4:15 pm - 5:25 pm MTWThF STAFF, L MH 233
(Starts 08/27/2018, Ends 10/21/2018)

AND

20111 LAB 5:35 pm - 9:40 pm MTWThF STAFF, L MH 237
(Starts 08/27/2018, Ends 10/21/2018)

CSMTLGY 112-Junior Salon I - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 111

The course covers basic applications of skin care and facial massage manipulations, permanent waving, haircutting techniques, and all phases of thermal texture hair designing. Theories related to all areas mentioned above are also discussed.

20119 LEC 4:15 pm - 5:30 pm MTWThF STAFF, L MH 233
(Starts 10/22/2018, Ends 12/16/2018)

AND

20120 LAB 7:00 am - 1:30 pm Sa Smith, F MH 237
And LAB 5:40 pm - 8:45 pm MTWThF STAFF, L MH 237
(Starts 10/22/2018, Ends 12/16/2018)

20121 LEC 7:00 am - 8:30 am MTWTh Botma, S M MH 238
(Starts 10/22/2018, Ends 12/16/2018)

AND

20123 LAB 8:40 am - 1:50 pm MTWTh Botma, S M MH 238
(Starts 10/22/2018, Ends 12/16/2018)

20125 LEC 7:00 am - 8:30 am MTWTh STAFF, L MH 237

AND

20128 LAB 8:40 am - 1:50 pm MTWTh STAFF, L MH 237
(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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CSMTLGY 121-Junior Salon II - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112

The students are exposed to intermediate instruction in chemical texture services, including permanent waving, chemical hair relaxing, thermal straightening (hair pressing) and curling, hair cutting, skin care, instruction on the use of facials and nail care. Theories that are related to all areas mentioned above will be discussed.

20129 LEC 4:15 pm - 5:25 pm MTWThF Young, C P MH 247
 (Starts 08/27/2018, Ends 10/21/2018)

AND

20130 LAB 7:00 am - 1:30 pm Sa Young, C P MH 247
 And LAB 5:35 pm - 8:10 pm MTWThF Young, C P MH 247
 (Starts 08/27/2018, Ends 10/21/2018)

20132 LEC 7:00 am - 8:30 am MTWTh STAFF, L MH 233
 (Starts 08/27/2018, Ends 10/21/2018)

AND

20133 LAB 8:40 am - 1:50 pm MTWTh Maine, M K MH 247
 (Starts 08/27/2018, Ends 10/21/2018)

CSMTLGY 122-Junior Salon III - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 121

The students are instructed in advanced permanent waving, soft permanent wave, chemical hair relaxing, thermal straightening(hair pressing) and curling, hair cutting, and electricity. Theories related to the above mentioned subjects will be discussed.

20136 LEC 7:00 am - 8:30 am MTWTh STAFF, L MH 233
 (Starts 10/22/2018, Ends 12/16/2018)

AND

20138 LAB 8:40 am - 1:50 pm MTWTh STAFF, L MH 247
 (Starts 10/22/2018, Ends 12/16/2018)

20134 LEC 4:15 pm - 5:30 pm MTWThF Young, C P MH 247
 (Starts 10/22/2018, Ends 12/16/2018)

AND

20135 LAB 5:40 pm - 9:50 pm MTWThF Young, C P MH 247
 (Starts 10/22/2018, Ends 12/16/2018)

CSMTLGY 131-Tinting I - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 112

The course covers basic, intermediate and advanced hair coloring, bleaching, toning, highlighting, frosting and color correction techniques. A variety of artificial nail procedures will be demonstrated. Theories to the above mentioned subjects will be discussed.

20139 LEC 7:00 am - 8:30 am MTWTh Shackelford, S MH 128
 (Starts 08/27/2018, Ends 10/21/2018)

AND

20140 LAB 8:40 am - 1:50 pm MTWTh Shackelford, S MH 128
 (Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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CSMTLGY 132-Tinting II - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 131

The course covers all aspects of hair coloring, bleaching, toning, 'special effect' highlighting, foiling, cap frosting and color correction. Additional subjects are: haircutting, thermal and wet hair styling, and the study and applications of artificial nail products. Theories related to the above mentioned subjects will be discussed.

20141	LEC	7:00 am - 8:30 am	MTWTh	Shackelford, S	MH 128
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(Starts 10/22/2018, Ends 12/16/2018)

AND

20142	LAB	8:40 am - 1:50 pm	MTWTh	Shackelford, S	MH 128
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(Starts 10/22/2018, Ends 12/16/2018)

CSMTLGY 141-Senior Salon I - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 122 and CSMTLGY 132

The course reviews all areas of cosmetology, rules, regulations and State Board requirements for licensing. Students will perform client services, conduct consultations, record services, track client appointments and tickets. Theories that are related to all areas mentioned above will be discussed.

20146	LEC	7:00 am - 8:30 am	MTWTh	Chen, L H	MH 138
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(Starts 08/27/2018, Ends 10/21/2018)

AND

20147	LAB	8:40 am - 1:50 pm	MTWTh	Chen, L H	MH 123
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(Starts 08/27/2018, Ends 10/21/2018)

20144	LEC	4:15 pm - 5:25 pm	MTWThF	Young, C P	MH 247
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(Starts 08/27/2018, Ends 10/21/2018)

AND

20145	LAB	5:35 pm - 9:40 pm	MTWThF	Young, C P	MH 247
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(Starts 08/27/2018, Ends 10/21/2018)

CSMTLGY 142-Senior Salon II - 6 Units

Enrollment Requirement: Prerequisite: CSMTLGY 141

The student will be introduced to clinic floor practicum and advanced client services. Mock State Board procedures for licensure will be employed. Business practices include: client services, effective communication, job search skills, networking, strategies for building a clientele, selling techniques, starting and operating a business.

20151	LEC	7:00 am - 8:30 am	MTWTh	Chen, L H	MH 138
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(Starts 10/22/2018, Ends 12/16/2018)

AND

20152	LAB	8:40 am - 1:50 pm	MTWTh	Chen, L H	MH 123
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(Starts 10/22/2018, Ends 12/16/2018)

20148	LEC	4:15 pm - 5:30 pm	MTWThF	Young, C P	MH 247
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(Starts 10/22/2018, Ends 12/16/2018)

AND

20150	LAB	5:40 pm - 9:50 pm	MTWThF	Young, C P	MH 247
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(Starts 10/22/2018, Ends 12/16/2018)

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.

11556	LEC	7:00 am - 9:05 am	F	Robles, L F	SA/ H132
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AND

11569	LAB	9:15 am - 3:45 pm	F	Robles, L F	SA/ H107
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11595	LEC	7:00 am - 8:15 am	TWTh	Spence, R T	SA/ H314
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(Starts 08/27/2018, Ends 10/21/2018)

AND

11620	LAB	8:25 am - 12:40 pm	TWTh	Spence, R T	SA/ H102
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(Starts 08/27/2018, Ends 10/21/2018)

11653	LEC	7:00 am - 8:20 am	TWTh	Pasin, C	SA/ H314
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(Starts 10/22/2018, Ends 12/16/2018)

AND

11680	LAB	8:30 am - 12:55 pm	TWTh	Pasin, C	SA/ H102
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(Starts 10/22/2018, Ends 12/16/2018)

11534	LEC	2:00 pm - 3:05 pm	TTh	Pasin, C	SA/ H132
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(Starts 08/27/2018, Ends 12/09/2018)

AND

11542	LAB	3:15 pm - 6:50 pm	TTh	Pasin, C	SA/ H107
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(Starts 08/27/2018, Ends 12/09/2018)

23702	LEC	2:00 pm - 3:15 pm	TWTh	Robles, L F	SA/ H119
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(Starts 08/27/2018, Ends 10/21/2018)

AND

23703	LAB	3:25 pm - 7:45 pm	TWTh	Robles, L F	SA/ H107
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(Starts 08/27/2018, Ends 10/21/2018)

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.

11750	LEC	7:05 am - 9:15 am	MW	Scherer, D	SA/ H103
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(Starts 10/22/2018, Ends 12/16/2018)

11830	LEC	8:00 am - 12:15 pm	F	Garnica Diaz, E	OH/ F216
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(Starts 08/27/2018, Ends 10/21/2018)

11778	LEC	2:00 pm - 4:10 pm	MW	Feigenbaum, S B	MH 308
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(Starts 08/27/2018, Ends 10/21/2018)

11861	LEC	2:00 pm - 4:15 pm	MW	Feigenbaum, S B	MH 308
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(Starts 10/22/2018, Ends 12/16/2018)

11895	LEC	4:25 pm - 6:35 pm	MW	Feigenbaum, S B	MH 308
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(Starts 08/27/2018, Ends 10/21/2018)

11939	LEC	4:25 pm - 6:35 pm	MW	Feigenbaum, S B	MH 308
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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CLN ART 120-Front Of House/Dining Services - 4 Units

Front of house topics pertinent to restaurant & hospitality management, dining room management, service, staffing, use of POS system, money management, stewarding. Serve Safe Alcohol test will be administered at the conclusion of the course.

12034	LEC	9:15 am - 10:35 am	MTW	Pasin, C	SA/ H103
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(Starts 08/27/2018, Ends 10/21/2018)

AND

12042	LAB	10:45 am - 2:00 pm	MTWTh	Pasin, C	SA/ H103
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(Starts 08/27/2018, Ends 10/21/2018)

12058	LEC	9:15 am - 10:35 am	MTW	Scherer, D	SA/ H103
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(Starts 10/22/2018, Ends 12/16/2018)

AND

12071	LAB	10:45 am - 2:10 pm	MTWTh	Scherer, D	SA/ H109
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(Starts 10/22/2018, Ends 12/16/2018)

CLN ART 121-Garde Manger I - Baking (CSU) - 6 Units

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

Introduction to Garde Manger and Baking. Introduction to basic garde manger, salads, cold sauces and salad dressings dressing, baking principles including yeast and sweet doughs, laminated doughs, mixing methods, and decorating.

12104	LEC	10:15 am - 12:20 pm	MTWTh	Gilligan, M A	SA/ H119
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(Starts 08/27/2018, Ends 10/21/2018)

AND

12122	LAB	6:30 am - 10:05 am	MTWTh	Gilligan, M A	SA/ H107
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(Starts 08/27/2018, Ends 10/21/2018)

12141	LEC	10:30 am - 12:35 pm	MTWTh	Gilligan, M A	SA/ H119
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(Starts 10/22/2018, Ends 12/16/2018)

AND

12163	LAB	6:30 am - 10:20 am	MTWTh	Gilligan, M A	SA/ H107
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(Starts 10/22/2018, Ends 12/16/2018)

12081	LEC	6:15 pm - 8:25 pm	TTh	Gilligan, M A	SA/ H119
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(Starts 08/27/2018, Ends 12/09/2018)

AND

12088	LAB	2:00 pm - 6:05 pm	TTh	Gilligan, M A	SA/ H107
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(Starts 08/27/2018, Ends 12/09/2018)

CLN ART 122-Culinary Arts - Gardemanger II (CSU) - 6 Units

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

Students will become proficient in the historical features of the garde manger stations including planning and preparation of cold soups, hors d' oeuvres, appetizers, canape, mousse, timbale, cold sauces, relishes, force-meat, galantine, terrine, pate en croute components. Preparation and usages of specialty meats, sweetbreads, and sausage will be defined; gelee, aspic, chaud froid, glazing, marinating, curing will be practiced: and buffet presentation, the display of carved fruit and vegetable garnishes and centerpieces will be studied. Projects will include international cuisine, salt dough sculpting and ice carving.

12208	LEC	7:25 am - 9:30 am	MTWTh	Vachon, J A	SA/ H119
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(Starts 10/22/2018, Ends 12/16/2018)

AND

12236	LAB	9:40 am - 1:15 pm	MTWTh	Vachon, J A	SA/ H107
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
12267 (Starts 08/27/2018, Ends 10/21/2018)	LEC	7:30 am - 9:35 am	MTWTh	Vachon, J A	SA/ H119
AND					
12310 (Starts 08/27/2018, Ends 10/21/2018)	LAB	9:45 am - 1:40 pm	MTWTh	Vachon, J A	SA/ H107
12174 (Starts 08/27/2018, Ends 12/09/2018)	LEC	2:00 pm - 4:15 pm	MW	Vachon, J A	SA/ H107
AND					
12183 (Starts 08/27/2018, Ends 12/09/2018)	LAB	4:25 pm - 8:30 pm	MW	Vachon, J A	SA/ H301

CLN ART 131-Culinary Arts - Breakfast I (CSU) - 6 Units

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

Students are introduced to a la minute breakfast cookery, hot sandwiches, culinary management and supervision. Upon completion the students will be able to identify and safely use the tools and equipment used in breakfast cookery as well as egg cookery, breakfast meats, cereals, beverages, hot sandwiches, ala minute preparation, brunch items, pancakes, and waffles. Other areas covered include portion control, inventory pars, weights and measures, labor and cost control.

12388 (Starts 08/27/2018, Ends 10/21/2018)	LEC	10:20 am - 12:25 pm	MTWTh	STAFF, L	SA/ H132
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AND

12394 (Starts 08/27/2018, Ends 10/21/2018)	LAB	6:30 am - 10:10 am	MTWTh	STAFF, L	SA/ H107
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12408 (Starts 10/22/2018, Ends 12/16/2018)	LEC	10:20 am - 12:25 pm	MTWTh	STAFF, L	SA/ H132
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AND

12421 (Starts 10/22/2018, Ends 12/16/2018)	LAB	6:30 am - 10:10 am	MTWTh	STAFF, L	SA/ H107
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CLN ART 132-Culinary Arts - Entremetier Saucier (CSU) - 6 Units

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

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

12434 (Starts 10/22/2018, Ends 12/16/2018)	LEC	7:30 am - 9:35 am	MTWTh	Feigenbaum, S B	SA/ H134
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AND

12444 (Starts 10/22/2018, Ends 12/16/2018)	LAB	9:45 am - 1:20 pm	MTWTh	Feigenbaum, S B	SA/ H107
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12459 (Starts 08/27/2018, Ends 10/21/2018)	LEC	7:30 am - 9:35 am	MTWTh	Feigenbaum, S B	SA/ H134
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AND

12476 (Starts 08/27/2018, Ends 10/21/2018)	LAB	9:45 am - 1:20 pm	MTWTh	Feigenbaum, S B	SA/ H107
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Class No	Component	Start/End Time	Days	Instructor	Room
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CLN ART 141-Butchery/Center Of The Plate And Quantity Food Cookery (CSU) - 6 Units

Enrollment Requirement: Prerequisite: CLN ART 111, CLN ART 112, CLN ART 121, CLN ART 122, CLN ART 131 and CLN ART 132

This course covers quantity and quality food production of meats, fish, and poultry. Students will practice center of the plate food preparation, meat identification and fabrication with an emphasis on portion control, sauce pairing and accompaniment compatibility. Students will discuss, compare and prepare various international foods.

12548	LEC	7:15 am - 9:20 am	MTWTh	Robles, L F	SA/ H132
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(Starts 08/27/2018, Ends 10/21/2018)

AND

12557	LAB	9:30 am - 1:05 pm	MTWTh	Robles, L F	SA/ H107
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(Starts 08/27/2018, Ends 10/21/2018)

12571	LEC	7:15 am - 9:20 am	MTWTh	Robles, L F	SA/ H132
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(Starts 10/22/2018, Ends 12/16/2018)

AND

12588	LAB	9:30 am - 1:05 pm	MTWTh	Robles, L F	SA/ H107
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(Starts 10/22/2018, Ends 12/16/2018)

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.

12640	LEC	7:00 am - 12:05 pm	M	Spence, R T	SA/ H314
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(Starts 08/27/2018, Ends 10/21/2018)

12658	LEC	7:00 am - 12:05 pm	M	Spence, R T	SA/ H314
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(Starts 10/22/2018, Ends 12/16/2018)

12617	LEC	8:00 am - 1:10 pm	F	Spence, R T	SA/ H301
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(Starts 10/22/2018, Ends 12/16/2018)

12601	LEC	3:45 pm - 6:00 pm	MW	Spence, R T	SA/ H103
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(Starts 08/27/2018, Ends 10/21/2018)

CLN ART 235-Menu Planning And Purchasing (CSU) - 4 Units

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

Advanced course in menu planning and purchasing using the menu as a tool for ordering, selection and procurement of food and beverage items. Menu, labor, and facility computer generated cost analysis and percentages will be addressed.

12668	LEC	7:00 am - 10:20 am	MW	Garnica Diaz, E	SA/ H107
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(Starts 08/27/2018, Ends 10/21/2018)

AND

12673	LAB	10:30 am - 1:50 pm	MW	Garnica Diaz, E	SA/ H334
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(Starts 08/27/2018, Ends 10/21/2018)

12685	LEC	7:00 am - 10:10 am	TTh	Garnica Diaz, E	SA/ H107
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(Starts 08/27/2018, Ends 10/21/2018)

AND

12700	LAB	10:20 am - 1:30 pm	TTh	Garnica Diaz, E	SA/ H334
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(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
12716 (Starts 10/22/2018, Ends 12/16/2018)	LEC	7:00 am - 10:20 am	MW	Garnica Diaz, E	SA/ H107
AND					
12739 (Starts 10/22/2018, Ends 12/16/2018)	LAB	10:30 am - 1:50 pm	MW	Garnica Diaz, E	SA/ H334

CLN ART 240-Restaurant Supervision And Training (CSU) - 2 Units

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

Students are introduced to human resource management and supervision techniques. Students will identify the recruiting process, communication skills, leadership styles, legal issues in the workforce, employee motivation and discipline.

12747 (Starts 08/27/2018, Ends 10/21/2018)	LEC	2:00 pm - 4:10 pm	MW	Garnica Diaz, E	AH/T E323
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12761 (Starts 10/22/2018, Ends 12/16/2018)	LEC	2:00 pm - 4:10 pm	MW	Garnica Diaz, E	OH/ F216
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CLN ART 941-Cooperative Education - Culinary Arts (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.

12767	LEC	4:25 hrs/wk	TBA	Dam, M C	CY/ D232
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Diesel and Related Technology

DIESLTK 112-Diesel Engine And Electrical Fundamentals - 11 Units

This course is designed to cover the theory and operation of diesel engine components, shop safety, tools, fastening devices, use of measuring instruments, and electrical systems. The student should develop, hands-on skills, manual dexterity skills, critical thinking skills and basic employment skills.

13333	LEC	7:00 am - 8:25 am	MTWTh	Rojas, C A	OH/ F118
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AND

13338	LAB	8:35 am - 12:40 pm	MTWTh	Rojas, C A	OH/ F118
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DIESLTK 122-Diesel Fuel Injection Systems & Basic Hydraulics And Air Conditioning (CSU) - 11 Units

This course covers the principles of fuel injection systems & basic hydraulics and air conditioning. Course will cover principles of fuel processing and delivery methods, including fuel sub-systems, pumps and injectors. This course will cover Basic hydraulics, theory and components along with current air conditioning system operation and servicing.

13372	LEC	7:00 am - 8:25 am	MTWTh	Perez, G C	OH/ F126
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AND

13385	LAB	8:35 am - 12:40 pm	MTWTh	Perez, G C	OH/ F126
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DIESLTK 122B-Basic Hydraulics And Air Conditioning Systems (CSU) - 5.5 Units

This course will cover basic hydraulics, theory and components along with current air conditioning system operation and servicing.

26038	LEC	3:10 hrs/wk	TBA	STAFF, L	ON LINE
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AND

26039	LAB	7:30 am - 3:40 pm	Sa	STAFF, L	OH/ F126
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Class No	Component	Start/End Time	Days	Instructor	Room
DIESLTK 132-Heavy Duty Drive Train & Air Brake Systems (CSU) - 11 Units					
Enrollment Requirement: Prerequisite: DIESLTK 112 and DIESLTK 122					
This course will cover the operating principles and repair of heavy duty clutches, transmissions, drive shafts, and differentials. In addition, students will also learn the operation and repair of air systems, foundation brakes, and anti-lock brake systems.					
10009	LEC	7:00 am - 8:25 am	MTWTh	Semadeni, A A	OH/ F210
AND					
10012	LAB	8:35 am - 12:40 pm	MTWTh	Semadeni, A A	OH/ F100
DIESLTK 132A-Heavy Duty Drive Train (CSU) - 5.5 Units					
This course will cover the operating principles and repair of heavy duty clutches, transmissions, drive shafts, and differentials.					
26036	LEC	5:00 pm - 6:25 pm	TTh	Cavanaugh, J M	OH/ F211
AND					
26037	LAB	6:35 pm - 10:40 pm	TTh	Cavanaugh, J M	OH/ F211
DIESLTK 142-Diesel Engine Overhaul & Electronic Engine Controls (CSU) - 11 Units					
Enrollment Requirement: Prerequisite: DIESLTK 112 and DIESLTK 122					
This course covers diesel engine overhaul principles including disassembly, inspection, and reassembly as part of overhauling a diesel engine. The operation of electronic engine controls will also be covered with an emphasis on using OEM diagnostic software in the troubleshooting of a diesel engine.					
10014	LEC	7:00 am - 8:25 am	MTWTh	Guerra, C	OH/ F211
AND					
10016	LAB	8:35 am - 12:40 pm	MTWTh	Guerra, C	OH/ F100
DIESLTK 142B-Electronic Engine Controls (CSU) - 5.5 Units					
The operation of electronic engine controls will be covered with an emphasis on using OEM diagnostic software in the troubleshooting of a diesel engines.					
22153	LEC	5:00 pm - 6:25 pm	MW	STAFF, L	OH/ F210
AND					
22154	LAB	6:35 pm - 10:25 pm	MW	STAFF, L	OH/ F210
DIESLTK 185-Directed Study - Diesel And Related Technology - 1 Unit					
This course allows students to pursue a directed study in Diesel and Related Technology on a contract basis under the direction of a supervising instructor.					
10017	LEC	1:10 hrs/wk	TBA	Guerra, J	ON LINE
DIESLTK 285-Directed Study - Diesel And Related Technology - 2 Units					
This course allows students to pursue a directed study in Diesel and Related Technology on a contract basis under the direction of a supervising instructor.					
24428	LEC	9:00 am - 11:30 am	Sa	Guerra, C	OH/ F211
This section is for STEAM Academy only.					
24388	LEC	2:25 hrs/wk	TBA	Guerra, J	OH/ F214
DIESLTK 301-Introduction To Alternative Fuels & Hybrid Vehicle Technology (CSU) - 1 Unit					
This course provides an introduction to various alternative fuel technologies being used in the automotive and heavy-duty diesel fields. Covers description and basic operation of Bio-diesel, Compressed Natural Gas (CNG), Liquefied Natural Gas (LNG), Fuel Cell and hybrid vehicle technologies.					
10021	LEC	1:10 hrs/wk	TBA	Guerra, J	ON LINE

Class No	Component	Start/End Time	Days	Instructor	Room
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DIESLTK 302-Hybrid And Plug-In Electric Vehicle (CSU) - 6 Units

This course covers hybrid and plug-in electric vehicle system fundamentals including vehicle safety, special tools, different hybrid system configurations, high voltage battery construction and maintenance, de-powering procedures and basic service.

10027	LEC	1:00 pm - 2:50 pm	TTh	Semadeni, A A	OH/ F210
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AND

10030	LAB	3:00 pm - 5:30 pm	TTh	Semadeni, A A	OH/ F100
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DIESLTK 401-Rail Systems Overview, Safety, Tools, and Mechanical Principles - 10 Units

This course provides an introduction to the rail industry and the various modes of rail vehicles and their use. Rail safety, tools and mechanical principles are also covered.

22657	LEC	7:00 am - 8:10 am	MTWTh	Ramirez, M A	OH/ F231
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AND

22658	LAB	8:20 am - 12:35 pm	MTWTh	Ramirez, M A	OH/ F231
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DIESLTK 403-Rail Vehicle Pneumatic & Hydraulic Controls, HVAC & Car Body - 10 Units

This course provides an overview of the steps for inspecting, maintaining troubleshooting, and rebuilding rail vehicle systems and system components, including propulsion, current collection, trucks and axles, dynamic braking, couplers, HVAC, car body, and communication systems.

26034	LEC	7:00 am - 8:10 am	MTWTh	Ramirez, J R	OH/ F214
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AND

26035	LAB	8:20 am - 12:35 pm	MTWTh	Ramirez, J R	OH/ F214
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DIESLTK 941-Cooperative Education - Diesel And Related 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.

10037	LEC	4:25 hrs/wk	TBA	Guerra, J	OH/ F214
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Digital Media

DIGLMD 100-Introduction To Digital Video (UC/CSU) - 3 Units

Students are introduced to the process and tools of non-linear video editing. Basic skills will be developed in editing techniques, media file formats, basic audio editing, compression types, industry terminology, development of basic still and motion graphics, and understanding key concepts of shooting for digital systems. Students will produce short video sequences that are appropriately compressed for delivery via web/Internet and various digital media.

10073	LEC	8:00 am - 10:05 am	T	Lefelt, J B	CY/ D200
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AND

10078	LAB	10:15 am - 12:20 pm	T	Lefelt, J B	CY/ D200
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Class No	Component	Start/End Time	Days	Instructor	Room
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.					
24431	LEC	8:00 am - 10:05 am	F	Vulovich, N	CY/ D200
AND					
24432	LAB	10:15 am - 12:20 pm	F	Vulovich, N	CY/ D200
DIGLMD 103-Fundamental Of Digital Audio (UC/CSU) - 3 Units					
Students are introduced to the principles and process of digital audio recording and reproduction. Topics include such aspects as sound design, acoustics, Dolby surround sound, microphones, mixers, outboard gear, signal flow, and recording and editing audio. Further exploration will involve analog over digital formats and destructive over non-destructive editing.					
10314	LEC	3:30 pm - 5:35 pm	T	Reed, P W	CY/ D302
AND					
10331	LAB	3:30 pm - 5:35 pm	Th	Reed, P W	CY/ D302
DIGLMD 105-Visual Design For Digital Media (UC/CSU) - 3 Units					
Students will analyze the core principles of visual design, particularly as they relate to narrative and interactive digital media. Students will then apply those principles to the production of digital media projects.					
10349	LEC	8:00 am - 10:05 am	M	Vulovich, N	CY/ D200
AND					
21659	LAB	10:15 am - 12:20 pm	M	Vulovich, N	CY/ D200
DIGLMD 107-Digital Audio Studio Recording (CSU) - 3 Units					
Enrollment Requirement: Prerequisite: DIGLMD 103					
Students will learn recording techniques of a modern studio and understand the role of the engineer. The course covers modern digital audio workstations using a mixer board to record multiple audio tracks simultaneously, as well as mixing recorded audio for audio balancing.					
26056	LEC	6:00 pm - 8:05 pm	T	Reed, P W	CY/ D302
AND					
26057	LAB	6:00 pm - 8:05 pm	Th	Reed, P W	CY/ D302
DIGLMD 110-Visual Effects And Motion Graphics (UC/CSU) - 3 Units					
Students will learn to use advanced components of Adobe After Effects to create motion graphics with text and animation. Tools such as keyframes, motion paths and masks will be used to create complex visual effects and motion graphics projects.					
21662	LEC	8:00 am - 10:05 am	Th	Guerrieri, J	CY/ D200
AND					
21663	LAB	10:15 am - 12:20 pm	Th	Guerrieri, J	CY/ D200
DIGLMD 116-Introduction To Web Page Design (UC/CSU) - 3 Units					
Students will learn the fundamental elements of websites, theories of web design, and how to develop a basic website.					
26054	LEC	6:00 pm - 8:05 pm	M	Guebely, G	CY/ D200
AND					
26055	LAB	6:00 pm - 8:05 pm	W	Guebely, G	CY/ D200

Class No	Component	Start/End Time	Days	Instructor	Room
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DIGLMD 150-Introduction To Mobile Applications (UC/CSU) - 3 Units

Students will develop an understanding of the core principles necessary to design and create mobile applications. Course covers pre-production, interface design, asset behavior and user experience.

26058	LEC	3:30 pm - 5:35 pm	M	Guebely, G	CY/ D200
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AND

26059	LAB	3:30 pm - 5:35 pm	W	Guebely, G	CY/ D200
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DIGLMD 152-Digital Art (UC/CSU) - 3 Units

Students will develop an understanding of the core principles of digital art and design. Course covers the essentials of digital visual design using Photoshop and Illustrator: color theory, composition, software tools, photo manipulation and image creation.

10366	LEC	8:00 am - 10:05 am	W	Lefelt, J B	CY/ D200
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AND

10374	LAB	10:15 am - 12:20 pm	W	Lefelt, J B	CY/ D200
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Drafting

DRAFT 062-Cad For Architects (CSU) - 3 Units

This course will focus on the process of generating and managing building data during the life cycle of a building from 'cradle to cradle'. CADD and BIM drawings can create automatically consistent and dynamic views of the building, detail design and increase the productivity, transparency and accountability. CADD and BIM symbols, templates and standards are used to generate simple models from site design to finish products. Virtual information models made with CADD and BIM transform every field, as it connects data to place and space.

11460	LEC	7:00 am - 7:50 am	MW	Garcia, M G	RH/ C107
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AND

11470	LAB	8:00 am - 9:25 am	MW	Garcia, M G	RH/ C107
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DRAFT 063-Cadd For Building (CSU) - 3 Units

This course covers CAD (Computer Aided Drafting) and BIM (Building Information Model) for Mechanical, Electrical and Plumbing fundamentals, as it applies to the Architecture Field. Standards, codes, regulatory frameworks and templates are applied as per industry guidance. The student learns how to draw in digital environments and visualize multiple disciplines into a single digital model. This procedure eliminates many of the uncertainties found during the construction phase as well as clashing, scheduling conflicts, construction alignment and 'cradle to cradle' strategies.

11508	LEC	9:45 am - 10:35 am	MW	Garcia, M G	RH/ C107
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AND

11526	LAB	10:45 am - 12:10 pm	MW	Garcia, M G	RH/ C107
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Economics

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

Requirement Designation: Meets IGETC 4B CSU D2

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.

14613	LEC	11:45 am - 1:10 pm	MW	Ahmad, J	AH/T E107
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14625	LEC	11:45 am - 1:10 pm	TTh	Ahmad, J	AH/T E315
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14638	LEC	6:00 pm - 9:10 pm	M	Ahmad, J	AH/T E315
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Class No	Component	Start/End Time	Days	Instructor	Room
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ECON 002-Principles of Economics II (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4B CSU D2*

A course in macroeconomics emphasizing aggregative economic analysis, including money and banking, national income determination, business fluctuations, and other topics relevant to macroeconomic analysis.

15834	LEC	10:10 am - 11:35 am	TTh	Ahmad, J	CH/ K208
15840	LEC	10:10 am - 11:35 am	MW	Ahmad, J	AH/T E113

Education

EDUC 001-Introduction To Teaching (CSU) - 3 Units

Introduction To Teaching

10243	LEC	8:35 am - 11:45 am	F	Randall, A K	OH/ F223
10227	LEC	10:10 am - 11:35 am	MW	Randall, A K	OH/ F223

Electrical Construction Maintenance

ECONMT 007-Home Theater & Commercial Audio, Video Installation Theory And Practices - 3 Units

This course offers instruction in the installation of Home Theater Video and Audio systems as well as commercial and industrial applications for audio and video technology. Upon successful completion of the course the student will have the skills to enter this area of the electrical trade.

16043	LEC	6:00 pm - 6:50 pm	TTh	Draper, K M	SQ/ B351
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AND

16047	LAB	7:00 pm - 9:05 pm	TTh	Draper, K M	SQ/ B351
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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.

16051	LEC	8:00 am - 10:05 am	W	Iadevaia, R E	SQ/ B351
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ECONMT 101-Electrical Craft Helper (CSU) - 4 Units

This course is designed as entry level preparation for a student interested in careers in the electrical power industry. This introductory course covers the basic fundamentals of planning, installation and maintenance of high and low voltage electrical systems. Basic functions of generation, both hydro and steam are covered. The transmission and distribution of electrical power will be reviewed. Fundamentals of electricity, identification, function, and operation of components will be surveyed. Ohms law, safety, ropes, knots, rigging, and tools required in the trade will be reviewed. Civil service exam assistance will also be covered.

16057	LEC	5:00 pm - 9:15 pm	T	Waid, G M	EDM TRAN
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This class does not meet on the LATTC Campus. The off campus location is: EDM Training Facility - 2nd Floor Classroom, 11760 Truedate Street, Sun Valley 91352

16067	LEC	5:00 pm - 9:15 pm	W	Waid, G M	EDM TRAN
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This class does not meet on the LATTC Campus. The off campus location is: EDM Training Facility - 2nd Floor Classroom, 11760 Truedate Street, Sun Valley 91352

16076	LEC	5:30 pm - 9:45 pm	W	Thompson, D A	CETR DIST
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This class does not meet on the LATTC Campus. The off campus location is: Central District Headquarters, Dept. Water & Power, 1350 S. Wall Street, Los Angeles, CA 90015

Class No	Component	Start/End Time	Days	Instructor	Room
16085	LEC	5:30 pm - 9:45 pm	Th	Thompson, D A	CETR DIST
This class does not meet on the LATTC Campus. The off campus location is: Central District Headquarters, Dept. Water & Power, 1350 S. Wall Street, Los Angeles, CA 90015					

ECONMT 105-Fundamentals Of Solar Electricity (CSU) - 3 Units

Fundamentals of electric power produced by the sun. Subjects covered include generation, transmission, conversion, distribution, safety, system components, necessary tools.

16099	LEC	2:30 pm - 5:40 pm	F	Colson, A T	OH/ F208
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ECONMT 110-Renewable Energy Systems (CSU) - 3 Units

This course will cover energy basics, solar basics, both active and passive, solar-thermal and solar-electric, wind, hydro-power, wave and tidal power, bio-fuel and biomass resources, geothermal power, energy storage and hydrogen fuel cells. Both large and small scale, grid interactive and stand alone systems will be discussed. Energy collection, site evaluation, design analysis of various systems, material use, and methods of construction will also be covered, along with overviews of California and US energy policy and global energy use.

16106	LEC	6:00 pm - 9:10 pm	T	Maroufkhani, F F	SQ/ B304
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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.

16177	LEC	7:00 am - 8:25 am	TTh	Kallo, J	SSQ/ B353
16198	LEC	7:00 am - 8:25 am	TTh	Robinson, D S	SQ/ B301
16113	LEC	6:00 pm - 9:10 pm	F	Aguilar, A	SQ/ B351
16120	LEC	6:00 pm - 9:10 pm	W	Sussman, D A	SQ/ B320
16130	LEC	6:00 pm - 9:10 pm	T	Pelayo, H	OH/ F216
16141	LEC	6:00 pm - 9:10 pm	Th	Dominguez, J M	SQ/ B352
16156	LEC	6:00 pm - 9:10 pm	M	Krongold, R A	OH/ F224

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.

16234	LAB	7:00 am - 1:30 pm	F	Kallo, J	SSQ/ B353
16248	LAB	7:00 am - 1:30 pm	F	Robinson, D S	SQ/ B301
16216	LAB	8:00 am - 2:30 pm	Sa	Lester, J B	SQ/ B301
16203	LAB	6:00 pm - 9:10 pm	MW	Iadevaia, R E	SQ/ B353
16210	LAB	6:00 pm - 9:10 pm	TTh	STAFF, L	SQ/ B353

ECONMT 117-Elementary Circuit Practices (CSU) - 4 Units

This course offers instruction in the drawing and analysis of wiring plans, wiring diagrams, and ladder diagrams. Including the wiring of both low and high voltage circuits utilizing: push button, single pole, standard three way, coast three way, standard four way, coast four way, and master switching systems.

16252	LAB	8:35 am - 11:45 am	MTWTh	Kallo, J	SSQ/ B353
16258	LAB	8:35 am - 11:45 am	MTWTh	Robinson, D S	SQ/ B301

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

16270	LEC	7:00 am - 8:25 am	MW	Kallo, J SSQ/ B353	
16278	LEC	7:00 am - 8:25 am	MW	Robinson, D S	SQ/ B301
26044	LEC	6:00 pm - 9:10 pm	F	STAFF, L	SQ/ B352
16263	LEC	3:10 hrs/wk	TBA	Elarton-Selig, W D	ON LINE
16287	LEC	3:10 hrs/wk	TBA	Elarton-Selig, W D	ON LINE

ECONMT 120-Industrial Control Systems (CSU) - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 115 and ECONMT 119

Industrial Control Systems

16318	LEC	9:00 am - 10:25 am	MW	STAFF, L	SQ/ B320
16309	LEC	10:45 am - 12:10 pm	MT	Lester, J B	SQ/ B320
16295	LEC	6:00 pm - 9:10 pm	M	Sussman, D A	SQ/ B336

ECONMT 128-Industrial Control Systems Practices (CSU) - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 115

This course fosters the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course covers the manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

16322	LAB	7:00 am - 9:20 am	MTThF	Lester, J B	SQ/ B330
16329	LAB	10:45 am - 12:40 pm	MTWThF	STAFF, L	SQ/ B330

ECONMT 128A-Industrial Control Systems Practices A (CSU) - 1 Unit

This course fosters the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course covers the manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

10086	LAB	8:00 am - 11:10 am	Sa	Maroufkhani, F F	SQ/ B330
10069	LAB	6:00 pm - 9:10 pm	M	Lester, J B	SQ/ B330
10079	LAB	6:00 pm - 9:10 pm	W	Lester, J B	SQ/ B330

ECONMT 128B-Industrial Control Systems Practices B (CSU) - 1 Unit

This course is the second module of the 128 A,B,C series and continues to foster the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course includes manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

10116	LAB	8:00 am - 11:10 am	Sa	Maroufkhani, F F	SQ/ B330
10094	LAB	6:00 pm - 9:10 pm	M	Lester, J B	SQ/ B330
10103	LAB	6:00 pm - 9:10 pm	W	Lester, J B	SQ/ B330

Class No	Component	Start/End Time	Days	Instructor	Room
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ECONMT 128C-Industrial Control Systems Practices C (CSU) - 1 Unit

This course is the final module of the 128 A,B,C series and finalizes the development and application of control circuitry through the use of instructional wiring panels and lab project boards. The course includes manual and electromagnetic control of motors using switches, pushbuttons, relays and starters for sequencing, jogging, reversing and timed control of motors and circuits.

10146	LAB	8:00 am - 11:10 am	Sa	Maroufkhani, F F	SQ/ B330
10123	LAB	6:00 pm - 9:10 pm	M	Lester, J B	SQ/ B330
10135	LAB	6:00 pm - 9:10 pm	W	Lester, J B	SQ/ B330

ECONMT 129-Fundamentals Of Alternating Current - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 115 and ECONMT 119

Fundamentals Of Alternating Current

16368	LEC	9:00 am - 10:25 am	ThF	STAFF, L	SQ/ B320
16359	LEC	10:45 am - 12:10 pm	ThF	Lester, J B	SQ/ B320
16340	LEC	6:00 pm - 9:10 pm	F	Sussman, D A	OH/ F224
16349	LEC	6:00 pm - 9:10 pm	Sa	Maroufkhani, F F	SQ/ B351

ECONMT 130-Principles Of Industrial Electric Power - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 120 and ECONMT 129

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

16377	LEC	8:45 am - 10:10 am	MW	Goluza, B	SQ/ B302
16370	LEC	10:10 am - 11:35 am	MW	Nieves, T G	SQ/ B302

This Section is for Electrical Students in the day electricians program. Linemen students should not enroll in this section. Look for the section with the note for Lineman students.

ECONMT 136-Industrial Power Applications - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 120 and ECONMT 128

This course offers a practical study on shop experience in testing, servicing and repairing industrial plant electrical equipment, connection and operation of generators, as well as motors and their control systems.

16387	LAB	7:00 am - 10:10 am	MWF	Nieves, T G	SQ/ B304
16395	LAB	10:10 am - 1:20 pm	MWF	Goluza, B	SQ/ B304

ECONMT 137-Industrial Electronic Control Systems - 3 Units

In this course fundamental electronic and semiconductor theory as well as applications of electronic devices to industrial control systems are studied. Boolean algebra, logic circuits and numbering systems as they used in industrial controls are examined. Transducers, photoelectric limit switches and other industrial devices are studied.

16405	LEC	8:45 am - 10:10 am	TTh	Goluza, B	SQ/ B304
16398	LEC	10:10 am - 11:35 am	TTh	Nieves, T G	SQ/ B302

ECONMT 138-Applications Of Electrical And Electronics Devices (CSU) - 2 Units

Identification and operational tests on various types of electrical and electronic equipment, including transformers, electronic motor speed control systems and other industrial control devices.

16408	LAB	7:00 am - 10:10 am	TTh	Nieves, T G	SQ/ B304
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Class No	Component	Start/End Time	Days	Instructor	Room
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16413	LAB	10:10 am - 1:20 pm	TTh	Goluza, B	SQ/ B302
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ECONMT 140-Construction Wiring Principles And Practices - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 130 and ECONMT 136

Corequisite: ECONMT 167

This class teaches the wiring of electrical systems, including: layout, construction methods, code requirements, installation standards, and best practices.

16419	LEC	7:00 am - 8:25 am	MW	Jackson, R E	SQ/ B351
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16428	LEC	7:00 am - 8:25 am	MW	STAFF, L	SQ/ B336
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ECONMT 142-Basic Programmable Logic Controls (Plc) - 1 Unit

Introduction to Basic Programmable Logic Controllers, Programming Devices, Ladder Diagrams and Designing PLC Programs for Industrial Processes.

16449	LAB	7:00 am - 10:10 am	F	Goluza, B	OH/ F234
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16438	LAB	11:40 am - 1:05 pm	TTh	Nieves, T G	OH/ F234
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16433	LAB	1:00 pm - 4:10 pm	F	Ramirez, Robert	OH/ F234
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ECONMT 150-Introduction To The Electrical Codes - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 130 and ECONMT 136

Corequisite: ECONMT 140

This is a study and interpretation of the National Electrical Code, local ordinances, and regulations covering wiring installations and principal circuit requirements.

16452	LEC	7:00 am - 8:25 am	TF	Jackson, R E	SQ/ B336
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16457	LEC	7:00 am - 8:25 am	TF	STAFF, L	SQ/ B351
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ECONMT 159-Programmable Logic Controls (Plc) (CSU) - 4 Units

Enrollment Requirement: Prerequisite: ECONMT 120 and ECONMT 136 or ECONMT 184

Programmable Logic Controls (Plc)

16460	LEC	6:00 pm - 7:25 pm	TTh	Hogue, D	OH/ F234
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AND

16465	LAB	7:35 pm - 9:40 pm	TTh	Hogue, D	OH/ F234
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ECONMT 167-Electrical Construction Wiring Techniques - 3 Units

Enrollment Requirement: Prerequisite: ECONMT 130 and ECONMT 136

Corequisite: ECONMT 150

Students are taught and practice electrical rough-in methods, while emphasizing safe working methods and compliance with Electrical Codes and trade standards.

16475	LAB	8:25 am - 11:35 am	MWF	STAFF, L	SQ/ B337
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16468	LAB	8:35 am - 11:45 am	MWF	Jackson, R E	SQ/ B337
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ECONMT 168-Installation Of Electrical Wiring - 2 Units

Enrollment Requirement: Prerequisite: ECONMT 130 and ECONMT 136

Corequisite: ECONMT 150

Students learn to, and practice, calculating and laying out interior electrical conduit and cable wiring systems, followed by practical installations, including rough-in and finishing techniques.

16480	LAB	7:00 am - 10:10 am	Th	Jackson, R E	SQ/ B337
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And	LAB	8:35 am - 11:45 am	T	Jackson, R E	SQ/ B337
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Class No	Component	Start/End Time	Days	Instructor	Room
16487	LAB	7:00 am - 10:10 am	Th	STAFF, L	SQ/ B337
And	LAB	8:25 am - 11:35 am	T	Iadevaia, R E	SQ/ B337

ECONMT 169-Alternating Current Practices - 2 Units

This course offers a study in the principles of Alternating Current, installation of components in AC circuits, and the response of circuits to AC excitation.

16493	LAB	9:20 am - 10:45 am	MTThF	Lester, J B	SQ/ B330
16502	LAB	12:50 pm - 2:00 pm	MTWThF	STAFF, L	SQ/ B330

ECONMT 171-Electrical Codes And Ordinances I - 3 Units

Basic electrical codes and ordinances are the focus of this course. General codes, wiring methods and fittings, and circuit requirements specified in the various ordinances are reviewed.

16508	LEC	6:00 pm - 9:10 pm	M	Dominguez, J M	SQ/ B302
16514	LEC	6:00 pm - 9:10 pm	T	Maalouf, E N	SQ/ B352

ECONMT 172-Electrical Codes And Ordinances II (RPT 3) - 3 Units

Advanced electrical codes and ordinances are the focus of this course. General codes, wiring methods and fittings, and circuit requirements specified in the various ordinances are reviewed.

16519	LEC	6:00 pm - 9:10 pm	M	Duncan, A	SQ/ B120
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ECONMT 173-Electrical Mathematics I - 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.

16522	LEC	6:00 pm - 9:10 pm	Th	Krongold, R A	SQ/ B351
16535	LEC	6:00 pm - 9:10 pm	T	Ramirez, Robert	SQ/ B301
16542	LEC	6:00 pm - 9:10 pm	M	Pelayo, H	SQ/ B352

ECONMT 174-Electrical Mathematics II - 3 Units

Topics covered in this course are problems relating to A.C. power applications, use of the scientific calculator, percentage ratio and proportions, wire sizing, voltage drops, energy and efficiency calculations, trigonometric functions, phasor diagrams, A.C. single and poly-phase circuits, transformers, star and delta connections and mathematics for logic controls.

16558	LEC	10:20 am - 1:30 pm	F	Barnett, C J	SQ/ B233
16544	LEC	6:00 pm - 9:10 pm	W	Maalouf, E N	SQ/ B302

ECONMT 177-Electric Motor Control I - 3 Units

This course studies basic motor control fundamentals including the basic functions of control. Magnetic principles of D.C. and A.C. motors, types of motors, motor selection fundamentals are reviewed. Topics covered also include definitions for controller components and symbols, familiarization with N.E.M.A. standards and review of one-line, wiring and schematic diagrams.

16569	LEC	6:00 pm - 9:10 pm	M	Winston, R	SQ/ B320
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Class No	Component	Start/End Time	Days	Instructor	Room
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ECONMT 178-Electric Motor Control II - 3 Units

This course focuses on a brief review of material covered in Electric Motor Control I and the selection and application of D.C. and A.C. controllers with emphasis on the A.C. devices. Study areas include manual, magnetic, across-the-line starters, as well as most forms of reduced voltage starters including the auto transformer, primary resistor, star-delta, part-winding and wound rotor type reduced voltage starters. Synchronous, multi-speed starters and the many methods of decelerating and braking and static components are discussed.

16576	LEC	6:00 pm - 9:10 pm	T	Winston, R	SQ/ B336
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ECONMT 181-Basic Wiring Practices - 3 Units

This course contains the study of basic electrical diagrams; such as, wiring plans, wiring diagrams, and ladder diagrams. Topics of discussion include: Architectural symbols and drawings, reading and interpreting plans and specifications, as well as the drawing of basic circuits.

16583	LEC	6:00 pm - 9:10 pm	T	Ramirez, Robert	SQ/ B301
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16588	LEC	6:00 pm - 9:10 pm	M	Ramirez, Ricardo	SQ/ B301
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ECONMT 182-Basic Diagram And Circuit Practices - 1 Unit

This course provides practical shop practice in the wiring of signal, communication and control circuits. Connection of device mechanisms such as, lights, buzzers and relays are specifically reviewed.

16607	LAB	6:00 pm - 9:10 pm	Th	Ramirez, Robert	SQ/ B301
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16614	LAB	6:00 pm - 9:10 pm	W	Ramirez, Ricardo	SQ/ B301
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ECONMT 183-Residential Electric Wiring - 3 Units

This course covers the design and layout of residential electrical wiring in accordance with the National Electrical Code and recognized best trade practices.

24553	LEC	6:00 pm - 9:10 pm	F	Nasrallah, G B	SQ/ B320
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ECONMT 184-Motor Control Principles And Practices - 3 Units

This course will examine the testing, adjusting, servicing and connecting motors, generators and associated controllers. Reduced voltage starters and other motor starting techniques will be studied.

16629	LEC	6:00 pm - 6:50 pm	MW	Brkic, F	SQ/ B304
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AND

16633	LAB	7:00 pm - 9:05 pm	MW	Brkic, F	SQ/ B304
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ECONMT 186-Industrial Electrical Principles And Practices - 3 Units

This course content includes the use of measuring instruments, connecting and testing transformer banks and connecting and testing industrial electronic control devices. This course discusses single phase and three phase transformers.

10022	LEC	6:00 pm - 6:50 pm	TTh	Goluza, B	SQ/ B304
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AND

10024	LAB	7:00 pm - 9:05 pm	TTh	Goluza, B	SQ/ B304
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ECONMT 187-Advanced Programmable Controllers - 4 Units

Enrollment Requirement: Prerequisite: ECONMT 159 or ECONMT 142

Advanced Programmable Controllers

10029	LEC	6:00 pm - 7:25 pm	MW	Nieves, P H	OH/ F234
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AND

10033	LAB	7:35 pm - 9:40 pm	MW	Nieves, P H	OH/ F234
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Class No	Component	Start/End Time	Days	Instructor	Room
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ECONMT 193-Conduit Bending And Calculations - 3 Units

This class teaches bending cutting and threading of conduits: EMT (Electrical Metallic Tubing), rigid, and IMC (Intermediate Metal Conduit) and the calculations that are included in these operations. Conduit will be bent with hand and hydraulic benders.

23411	LEC	6:00 pm - 6:50 pm	TTh	Jackson, R E	SQ/ B330
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AND

23412	LAB	7:00 pm - 9:05 pm	TTh	Jackson, R E	SQ/ B330
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ECONMT 193A-Conduit Bending Laboratory - 1 Unit

Enrollment Requirement: Corequisite: ECONMT 168

This class practices the cutting and bending of electrical conduits, and the necessary calculations included in these operations. EMT conduit will be bent with hand benders.

10156	LAB	10:10 am - 1:20 pm	Th	Iadevaia, R E	SQ/ B337
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10176	LAB	10:10 am - 1:20 pm	Th	STAFF, L	SQ/ B337
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ECONMT 195-Grounding: Fundamentals, Applications And Practices - 3 Units

This course will cover the fundamentals of electrical system grounding principles of reviewing definitions, theory, and equipment installations. Application to accepted industry practices, compliance to the National Electrical Code, review of lightning protection and electronic equipment grounding will be covered.

27179	LEC	6:00 am - 9:10 am	Sa	STAFF, L	SQ/ B337
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ECONMT 197-Low Voltage Electrical Practices - 3 Units

This course offers instruction in the installation, termination, testing and documentation of low voltage systems, such as lighting, communication, telephone, data, control systems, and similar low voltage applications.

10051	LEC	6:00 pm - 6:50 pm	MW	Robinson, D S	SQ/ B351
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AND

10054	LAB	7:00 pm - 9:05 pm	MW	Robinson, D S	SQ/ B351
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ECONMT 199-Journeyman Electrician Exam Preparation - 3 Units

This course will prepare the student for the State of California Electricians' Certification Examination. The distance education version of the class uses the Internet, World Wide Web and personal e-mail.

10058	LEC	6:00 pm - 8:05 pm	T	Kallo, J S	SQ/ B120
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10061	LAB	6:00 pm - 9:00 pm	Th	Robinson, D S	SQ/ B120
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And	LAB	8:15 pm - 9:30 pm	T	Kallo, J S	SQ/ B120
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ECONMT 205-Solar Energy Installation & Maintenance Principles And Practices - 2 Units

This course is designed for individuals who have the basic electrical and mechanical skills of an energy technician or electrician and are looking to expand into the renewable energy field. This is a hands on class to develop the fundamental principles and practices for installation and maintenance of solar, wind, and similar renewable energy systems. This course covers basic planning, installation, and maintenance of the necessary components for various renewable energy systems.

10066	LAB	2:30 pm - 5:40 pm	MW	Colson, A T	OH/ F151
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ECONMT 941-Cooperative Education -Electrical Construction & Maintenance (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

Class No	Component	Start/End Time	Days	Instructor	Room
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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.

21652 LEC 4:15 hrs/wk TBA Blumenfeld, S TBA 1
 Please send your best email address to Blumens@lattc.edu once you enroll in this Co-Op Ed class.

Electronics

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

Introduction To Electronics

11523	LEC	12:35 pm - 3:45 pm	W		CH/ K366
11545	LEC	6:00 pm - 9:10 pm	M	Largaespada, R	CH/ K302

Electronics Technology

ETNTLGY 150-Soldering Surface Mount Technology - 3 Units

This course provides an introduction of through hole soldering technology as well as principles of surface mount rework, show the range of specific equipment used in that process and provide a framework for learning about various rework methods. Recommended procedures for removal and replacement of surface mount chip components are also covered.

13621	LEC	7:00 am - 9:05 am	W	Botterud, S J	CH/ K301
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AND

13635	LAB	9:15 am - 12:25 pm	W	Botterud, S J	CH/ K204
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ETNTLGY 151-Dc Theory And Circuit Fundamentals - 3 Units

Instruction is given in basic electrical concepts, electron theory, Ohm's Law, Kirchoffs Laws, series circuits, Parallel circuits, combination circuits, principles of magnetism; and the care, use, and construction of basic meters for voltage, current, and resistance measurements. Problems illustrating accuracy necessary in measurements are given.

13641	LEC	7:00 am - 8:20 am	T	Roosta, S A	CH/ K366
And	LEC	8:00 am - 9:30 am	Th	Roosta, S A	CH/ K366

ETNTLGY 152-Dc Theory And Circuit Fundamentals Lab (CSU) - 2 Units

Instruction is given in constructing basic electrical circuits. Series, parallel and series/parallel circuits are constructed and troubleshot to understand the concept of troubleshooting techniques. Problems illustrating accuracy necessary in measurements are given.

13650	LAB	8:35 am - 12:10 pm	T	Roosta, S A	CH/ K366
And	LAB	9:40 am - 12:15 pm	Th	Roosta, S A	CH/ K366

ETNTLGY 153-Applied Dc Calculations - 1 Unit

This course offers a review on basic arithmetic including addition, subtraction, multiplication, division, fractions, decimals, square roots, signed numbers, powers of ten, an introduction to algebra, and problems solving Ohm's Law and power calculations. Instruction is also provided in algebra, calculators, logarithms, graphs, phasers, and basic trigonometry as used in electronics.

13659	LEC	7:00 am - 8:05 am	Th	Roosta, S A	CH/ K366
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Class No	Component	Start/End Time	Days	Instructor	Room
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ETNTLGY 157-Semiconductors Devices And Applications (CSU) - 3 Units

This course imparts knowledge of semiconductors, electron devices including diodes, transistors, and their application in electronic circuits such as Amplifiers, Switches, Power Supplies, Oscillators, and Integrated Circuits.

13668	LEC	7:00 am - 8:25 am	MW	Roosta, S A	CH/ K324
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ETNTLGY 158-Semiconductors Devices And Electronics Laboratory (CSU) - 3 Units

This is a semiconductor devices laboratory course. It includes lab exercises using semiconductors devices including diodes, transistors, and their application in electronic circuits such as Amplifiers, Switches, Power Supplies, Oscillators, and Integrated Circuits.

13679	LAB	8:35 am - 1:25 pm	MW	Roosta, S A	CH/ K366
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ETNTLGY 159-Digital Circuits And Applications (CSU) - 3 Units

This is an introductory course in digital electronics and applications. The course covers the number systems, including the decimal, binary, octal, and hexadecimal number systems. The topics covered include the characteristics of TTL and CMOS logic families, combinational logic circuits, minimizing logic circuits, minimizing logic circuits using Boolean Operations and Karnaugh maps, encoders and decoders, sequential logic devices such as flip-flops, counters, shift registers, and memory devices.

13687	LEC	7:00 am - 8:25 am	TTh	Botterud, S J	CH/ K364
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ETNTLGY 160-Digital Circuits And Applications Lab (CSU) - 2 Units

This course is designed to provide students with the fundamentals of digital circuits and their applications. Lab activities include the characteristics of TTL and CMOS logic families, combinational logic, minimizing logic circuits using Boolean operations and Karnaugh maps, encoders and decoders, sequential logic devices such as flip-flops, counters, shift registers, and memory devices.

13696	LAB	8:35 am - 11:45 am	TTh	Botterud, S J	CH/ K301
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ETNTLGY 254-Computer Applications For Electronics Technology - 3 Units

This course introduces students to computer hardware, software related technology and their uses impact on society and education; hands-on experience with applications of software, such as Excel, Word, Power Point with an emphasis on electronics applications software such as Electronic Work Bench and VISIO.

13735	LEC	7:00 am - 9:05 am	M	Botterud, S J	CH/ K302
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AND

13740	LAB	9:15 am - 12:25 pm	M	Botterud, S J	CH/ K302
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Engineer-Operation/Maintenance

OPMAINT 228-Steam Plant Operation I - 6 Units

Related engineering information concerning high pressure steam plants in office buildings and industrial establishments are studied in this course. Emphasis is given to steam power plant, use of steam tables, types of boilers, construction of boilers, boiler accessories, settings for combustion equipment and heating surfaces; operation of steam boilers and the combustion of fuels.

14144	LEC	6:00 pm - 9:10 pm	MW	Martinov, V	OH/ F208
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Class No	Component	Start/End Time	Days	Instructor	Room
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OPMAINT 229-Steam Plant Operation II - 6 Units

Instruction is given in steam engines, valve operating mechanisms and governors, and operating characteristics of steam engines. Course covers steam turbines, pumps, and auxiliary power plant equipment, steam plant efficiencies, boiler water treatment, troubleshooting, and power transmission. Completion of this second course prepares trainee to take Los Angeles City examination for steam engineer's license.

14151	LEC	6:00 pm - 9:10 pm	TTh	Brady, P A	SQ/ B320
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Engineering Graphics & Design**EGD TEK 101-Engineering Graphics (UC/CSU) - 3 Units**

Engineering Graphics

26930	LEC	4:00 pm - 6:05 pm	W	Navarro, A	OH/F 164C
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AND

26931	LAB	6:15 pm - 8:20 pm	W	Navarro, A	OH/F 164C
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Engineering, General**ENG GEN 101-Introduction To Science, Engineering And Technology (UC/CSU) - 2 Units**

Introduction To Science, Engineering And Technology

26928	LEC	10:00 am - 11:05 am	Th	STAFF, L	CH/ K420
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AND

26929	LAB	11:15 am - 1:20 pm	Th	STAFF, L	CH/ K420
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12414	LEC	5:00 pm - 6:05 pm	M	Navarro, A	CH/ K420
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AND

12426	LAB	6:15 pm - 8:20 pm	M	Navarro, A	CH/ K420
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ENG GEN 122-Programming And Problem-Solving In Matlab (UC/CSU) - 3 Units**Enrollment Requirement:** Prerequisite: MATH 265

Programming And Problem-Solving In Matlab

10580	LEC	5:00 pm - 7:05 pm	T	Navarro, A	OH/F 164C
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AND

10592	LAB	5:00 pm - 8:15 pm	Th	Navarro, A	OH/F 164C
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ENG GEN 131-Statics (UC/CSU) - 3 Units**Enrollment Requirement:** Prerequisite: MATH 265 and PHYSICS 001

Statics

12592	LEC	1:15 pm - 2:20 pm	MW	Navarro, A	MH 301
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AND

12604	LAB	2:30 pm - 3:55 pm	MW	Navarro, A	MH 301
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ENG GEN 151-Materials Of Engineering (UC/CSU) - 3 Units**Enrollment Requirement:** Prerequisite: CHEM 101 and PHYSICS 1

Materials Of Engineering

12648	LEC	3:15 pm - 4:40 pm	TTh	Klee, V	CH/ K422
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Class No	Component	Start/End Time	Days	Instructor	Room
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ENG GEN 241-Strength Of Materials (UC/CSU) - 3 Units

Enrollment Requirement: Prerequisite: ENG GEN 131

Strength Of Materials

12691 LEC 10:00 am - 12:05 pm M Navarro, A MH 301

AND

12701 LAB 10:00 am - 1:10 pm W Navarro, A MH 301

English

ENGLISH 028-Intermediate Reading And Composition - 3 Units

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

Intermediate Reading And Composition

19005 LEC 8:35 am - 11:35 am F Stevens, A A AH/T E213

19007 LEC 8:35 am - 10:00 am TTh Mancia, R A AH/T E212

And LEC 3:15 hrs/wk TBA Mancia, R A ON LINE

This class is paired with English 101 #23571--same schedule, but 2nd 8 weeks of semester. See Instructor Mancia for more information. (Starts 08/27/2018, Ends 10/21/2018)

19001 LEC 10:10 am - 11:35 am TTh Blake, G B TBA 1

And LEC 3:10 hrs/wk TBA Blake, G B ON LINE

This class is reserved for the Puente Program. For more information, see Dean Sweeten or Instructor George Blake. English 101 is offered the 2nd half of the semester for Puente students.

(Starts 08/27/2018, Ends 10/21/2018)

19000 LEC 11:45 am - 1:10 pm TTh Blake, G B TBA 1

And LEC 3:10 hrs/wk TBA Blake, G B ON LINE

This class is reserved for Umoja students. For more information see Dean Sweeten or instructor George Blake.

(Starts 08/27/2018, Ends 10/21/2018)

19011 LEC 1:20 pm - 2:50 pm MW Moreno, L M AH/T E208

And LEC 3:10 hrs/wk TBA Moreno, L M ON LINE

This class is paired with English 101 class #19011 (2nd 8 weeks of semester). See instructor Lisa Moreno for more information.

(Starts 08/27/2018, Ends 10/21/2018)

19016 LEC 6:00 pm - 9:10 pm Th Stevens, A A AH/T E210

19022 LEC 6:00 pm - 9:10 pm W Mendez, A E AH/T E210

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

Enrollment Requirement: Prerequisite: LRNSK 2C. Corequisite: Basic Skills 002CE or any Academic Prep course

This course counts towards the 30 units of remedial coursework limit.

Accelerated Prep: College Writing

11368 LEC 10:10 am - 12:10 pm MW Viliesid, C N AH/T E212

This class has a lecture component and lab with homework component. This is 3 units, and the class meets 4 hours a week.

11580 LEC 10:10 am - 12:10 pm MW Dolan, T M OH/ F224

This class meets 2 X week: lecture and lab with homework. Even though this is a 3 unit class, you will have 4 hours in class to practice writing and analyze readings.

11630 LEC 10:10 am - 12:10 pm TTh Dolan, T M AH/T E215

This class meets 2 X week: lecture and lab with homework. Even though this is a 3 unit class, you will have 4 hours in class to practice writing and analyze readings.

11685 LEC 10:10 am - 12:10 pm TTh Sherling, M R AH/T E210

Restricted for Puente students. Students must also enroll in the Puente Basic Skills section.

Class No	Component	Start/End Time	Days	Instructor	Room
11392	LEC	11:45 am - 1:45 pm	MW	Mendez, A E	AH/T E210
This class meets 2 X week. Monday is lecture. Wednesday is lab with homework. Even though this is a 3 unit class, you will have 4 hours in class to practice writing and analyze readings.					
11483	LEC	1:20 pm - 3:20 pm	TTh	Doss, H M	AH/T E208
This class meets 2 X week. Tuesday is lecture. Thursday is lab with homework. Even though this is a 3 unit class, you will have 4 hours in class to practice writing and analyze readings.					
11530	LEC	1:20 pm - 3:20 pm	MW	Dolan, T M	OH/ F224
This class meets 2 X week. Monday is lecture. Wednesday is lab with homework. Even though this is a 3 unit class, you will have 4 hours in class to practice writing and analyze readings.					
11799	LEC	6:00 pm - 8:10 pm	MW	Cruz, C A	AH/T E210
This class meets 2 X week for lecture and lab. Even though this is a 3 unit class, you will have time in class to practice writing and analyzing readings. Of course, there will be homework!					

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

Requirement Designation: Meets IGETC-1A CSU-A2

Enrollment Requirement: Prerequisite: English 028 or ESL 008

College Reading And Composition I

19183 LEC 8:35 am - 10:00 am TTh Dolan, T M OH/ F224

19194 LEC 8:35 am - 11:45 am F Doss, H M AH/T E212

22702 LEC 8:35 am - 10:00 am TTh Mancia, R A AH/T E212

And LEC 3:10 hrs/wk TBA Mancia, R A ON LINE

This class follows English 28 #19007--1st 8 weeks of the semester.. Spaces are saved for students who complete the E28 class, but it is open for others. See Professor Mancia for more information.

(Starts 10/22/2018, Ends 12/16/2018)

19188 LEC 10:10 am - 11:35 am MW Sherling, M R OH/ F222

19196 LEC 10:10 am - 11:35 am TTh Shakir, R N AH/T E215

19209 LEC 10:10 am - 1:30 pm TTh Blake, G B AH/T E107

And LEC 3:10 hrs/wk TBA Blake, G B ON LINE

This English 101 class is reserved for Puente students. For more information, see Dean Sweeten or Instructor Blake.

(Starts 10/22/2018, Ends 12/16/2018)

19213 LEC 10:10 am - 11:35 am TTh Sowter, S V TBA 1

Restricted for Upward Bound Students.

27319 LEC 11:45 am - 1:10 pm TTh Blake, G B TBA 1

And LEC 3:20 hrs/wk TBA Blake, G B ON LINE

This class is reserved for UMOJA students. For more information see Dean Sweeten or Instructor George Blake

(Starts 10/22/2018, Ends 12/16/2018)

19192 LEC 11:45 am - 1:10 pm TTh Shakir, R N AH/T E215

21990 LEC 11:45 am - 1:10 pm MW Shakir, R N AH/T E213

And LEC 3:15 hrs/wk TBA Shakir, R N ON LINE

See English 103 #22542 (2nd 8wks of semester). For more information, see Instructor Shakir.

(Starts 08/27/2018, Ends 10/21/2018)

19201 LEC 11:45 am - 1:10 pm TTh Ortiz, J I AH/T E212

And LEC 3:10 hrs/wk TBA Ortiz, J I ON LINE

This class is followed by English 102 #22014--the 2nd 8 weeks of semester. English 102 is equivalent to Eng 103 for transfer. It focuses on literature and critical thinking. For more information, see Instructor Ortiz.

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
23083	LEC	11:45 am - 1:10 pm	TTh	Moreno, L M	AH/T E208
And	LEC	3:10 hrs/wk	TBA	Moreno, L M	ON LINE
This class is paired with English 103, #20546 (2nd 8 weeks of semester), but is open to all students. See Instructor Moreno for enrollment availability and information. (Starts 08/27/2018, Ends 10/21/2018)					
19268	LEC	11:45 am - 1:10 pm	TTh	Doss, H M	OH/ F222
19279	LEC	11:45 am - 1:10 pm	MW	Ortiz, J I	AH/T E212
And	LEC	3:15 hrs/wk	TBA	Ortiz, J I	ON LINE
This class is followed by English 103 #23239--2nd 8 weeks of semester. Same schedule. See Instructor Ortiz for more information. (Starts 08/27/2018, Ends 10/21/2018)					
24708	LEC	1:20 pm - 2:45 pm	MW	Moreno, L M	AH/T E208
And	LEC	3:15 hrs/wk	TBA	Moreno, L M	AH/T E208
Please see English 28 #19011 (1st 8 weeks of semester). See instructor Moreno for more information. (Starts 10/22/2018, Ends 12/16/2018)					
19185	LEC	3:00 pm - 4:25 pm	MW	Mendez, A E	AH/T E210
19202	LEC	3:00 pm - 4:25 pm	TTh	STAFF, L	AH/T E208
19222	LEC	6:00 pm - 9:10 pm	Th	STAFF, L	AH/T E208
19226	LEC	6:00 pm - 9:10 pm	T	Villani, F J	AH/T E401
19234	LEC	6:00 pm - 9:10 pm	W	Foster, L I	AH/T E401
19244	LEC	3:10 hrs/wk	TBA	Mancia, R A	ON LINE
22539	LEC	3:10 hrs/wk	TBA	Cruz, C A	ON LINE
This class is restricted for Public Service Pathway					
23089	LEC	3:10 hrs/wk	TBA	Mancia, R A	ON LINE
24877	LEC	6:30 hrs/wk	TBA	Ortiz, J I	TBA 1
(Starts 08/27/2018, Ends 10/21/2018)					

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

College Reading And Composition II

20391	LEC	3:30 am - 4:55 am	TTh	Sowter, S V	AH/T E215
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English 102 is equivalent to English 103 (critical thinking) for transfer. See a counselor for further explanation.

22014	LEC	11:45 am - 1:10 pm	TTh	Ortiz, J I	AH/T E406
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And	LEC	3:15 hrs/wk	TBA	Ortiz, J I	ON LINE
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English 102 is equivalent to English 103 (critical thinking) for transfer. See a counselor for more information. See English 101 #19201 (1st 8 weeks of semester). Seats are saved for these students, but there will an opportunity for all to enroll.

If you have difficulty enrolling, please see Instructor Ortiz.

(Starts 10/22/2018, Ends 12/16/2018)

24302	LEC	1:20 pm - 2:45 pm	MW	STAFF, L	TBA 1
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English 102 is based in a study of literature. It is equivalent to English 103 for transfer. See a counselor for more information.

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

Requirement Designation: Meets IGETC 1B CSU A3

Enrollment Requirement: Prerequisite: English 101

Composition And Critical Thinking

20544	LEC	8:35 am - 10:00 am	MW	Viliesid, C N	AH/T E215
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22638	LEC	8:35 am - 10:00 am	TTh	Blake, G B	TBA 1
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Restricted class for Liffoff Program.

Class No	Component	Start/End Time	Days	Instructor	Room
20545	LEC	10:10 am - 11:35 am	TTh	Mendez, A E	AH/T E210
20551	LEC	10:10 am - 11:35 am	MW	Sowter, S V	AH/T E215
22648	LEC	10:10 am - 11:35 am	MW	Cruz, C A	AH/T E215
20542	LEC	11:45 am - 1:10 pm	MW	Shakir, R N	AH/T E212
And	LEC	3:15 hrs/wk	TBA	Shakir, R N	ON LINE
See English 101 #21990--1st 8 weeks of semester. For enrollment information, see Instructor Shakir. (Starts 10/22/2018, Ends 12/16/2018)					
20546	LEC	11:45 am - 1:15 pm	TTh	Moreno, L M	AH/T E208
And	LEC	3:10 hrs/wk	TBA	Moreno, L M	ON LINE
This class is paired with English 101 #23083 (1st 8 weeks of semester) with Instructor Lisa Moreno. Same time: 11:45-1:10pm TuTh + 3 hours online/TBA. (Starts 10/22/2018, Ends 12/16/2018)					
23239	LEC	11:45 am - 1:15 pm	TTh	Ortiz, J I	AH/T E406
And	LEC	3:10 hrs/wk	TBA	Ortiz, J I	ON LINE
This class is paired with English 101 #19279 (1st 8 weeks of semester). For enrollment information, see Instructor Ortiz. (Starts 10/22/2018, Ends 12/16/2018)					
20543	LEC	1:20 pm - 2:45 pm	TTh	STAFF, L	AH/T E213
20547	LEC	6:00 pm - 9:10 pm	Th	Gregory, E A	AH/T E208
22645	LEC	6:00 pm - 9:10 pm	W	Viliesid, C N	AH/T E210
20549	LEC	3:10 hrs/wk	TBA	Moreno, L M	ON LINE
20550	LEC	3:10 hrs/wk	TBA	Gangel Vasquez, J M	ON LINE
On-line class + 3 in-class meetings during semester. TBA					

ENGLISH 203-World Literature I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3B CSU C2

Enrollment Requirement: Prerequisite: English 101

World Literature I

20628	LEC	11:45 am - 1:10 pm	TTh	Mancia, R A	AH/T E212
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ENGLISH 205-English Literature I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3B CSU C2

Enrollment Requirement: Prerequisite: English 101

English Literature I

20635	LEC	3:10 hrs/wk	TBA	Moreno, L M	ON LINE
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ENGLISH 207-American Literature I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3B CSU C2

Enrollment Requirement: Prerequisite: English 101

American Literature I

20642	LEC	3:05 hrs/wk	TBA	Shakir, R N	ON LINE
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Class No	Component	Start/End Time	Days	Instructor	Room
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English Second Language - NonCredit

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

English As A Second Language - 0

26530 LEC 8:00 am - 11:20 am MW STAFF, L CY/ D204

Academic Connections - ESL-NC-006CE || Session One

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

27765 LEC 6:00 pm - 8:30 pm TTh STAFF, L OFF CAMP

[Partnerships]

This class for All People's Community Center students.

(Starts 08/27/2018, Ends 11/04/2018)

26583 LEC 8:00 am - 11:20 am MW STAFF, L CY/ D204

Academic Connections - ESL-NC-006CE || Session Two

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 10/22/2018, Ends 12/16/2018)

27766 LEC 9:00 am - 12:10 pm TTh OFF CAMP

[Partnerships]

This class is for Diego Rivera Learning Complex students.

(Starts 08/27/2018, Ends 10/21/2018)

27767 LEC 9:00 am - 12:20 pm TTh STAFF, L OFF CAMP

[Partnerships]

This class is for Diego Rivera Learning Complex students.

(Starts 10/22/2018, Ends 12/16/2018)

26582 LEC 6:00 pm - 9:20 pm MW STAFF, L CY/ D204

Academic Connections - ESL-NC-006CE || Session One

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 08/27/2018, Ends 10/21/2018)

26584 LEC 6:00 pm - 9:20 pm MW STAFF, L CY/ D204

Academic Connections - ESL-NC-006CE || Session Two

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 10/22/2018, Ends 12/16/2018)

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

English As A Second Language - I

26585 LEC 8:00 am - 11:10 am TTh STAFF, L CY/ D204

Academic Connections - ESL-NC-007CE || Session One

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 08/27/2018, Ends 10/21/2018)

26587 LEC 8:00 am - 11:20 am TTh STAFF, L CY/ D204

Academic Connections - ESL-NC-007CE || Session Two

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 10/22/2018, Ends 12/16/2018)

26586 LEC 6:00 pm - 9:10 pm TTh STAFF, L CY/ D204

Academic Connections - ESL-NC-007CE || Session One

New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105. ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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26590 LEC 6:00 pm - 9:20 pm TTh STAFF, L CY/ D204
 Academic Connections - ESL-NC-007CE || Session Two
 New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105.ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.
 (Starts 10/22/2018, Ends 12/16/2018)

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

English As A Second Language - II

26591 LEC 8:00 am - 11:20 am MW STAFF, L RH/ C205
 Academic Connections - ESL-NC-008CE || Session One
 New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105.ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.
 (Starts 08/27/2018, Ends 10/22/2018)

26595 LEC 8:00 am - 11:20 am MW STAFF, L RH/ C205
 Academic Connections - ESL-NC-008CE || Session Two
 New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105.ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.
 (Starts 10/22/2018, Ends 12/16/2018)

26594 LEC 6:00 pm - 9:20 pm MW STAFF, L RH/ C205
 Academic Connections - ESL-NC-008CE || Session One
 New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105.ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.
 (Starts 08/27/2018, Ends 10/21/2018)

26596 LEC 6:00 pm - 9:20 pm MW STAFF, L RH/ C205
 Academic Connections - ESL-NC-008CE || Session Two
 New students need to sign-up for ESL Orientation in the Bridges to Success Center located in Mariposa Hall Room 105.ESL Orientations are Mondays at 5:30 p.m. and Tuesdays at 9:30 a.m.
 (Starts 10/22/2018, Ends 12/16/2018)

Environmental Science

ENV SCI 001-The Human Environment: Physical Processes (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5A CSU B1

The Human Environment: Physical Processes

20690	LEC	9:00 am - 12:10 pm	Sa	Briones Ortega, R	AH/T E408
22015	LEC	9:00 am - 12:10 pm	F	Briones Ortega, R	AH/T E408

ESL Civics

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

Esl And Civics Iv

27769 LEC 8:30 am - 10:00 am MTWTh STAFF, L OFF CAMP
 [Partnerships]
 This class is for Edison MS students.
 (Starts 08/27/2018, Ends 10/21/2018)

27770 LEC 8:30 am - 10:00 am MTWTh STAFF, L OFF CAMP
 [Partnerships]
 This class is for Edison MS students.
 (Starts 10/22/2018, Ends 12/16/2018)

26599 LEC 12:00 pm - 1:30 pm MTWTh STAFF, L MA 109N
 (Starts 08/27/2018, Ends 10/21/2018)

26600 LEC 12:00 pm - 1:30 pm MTWTh STAFF, L MA 109N
 (Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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Fashion Design

FASHDSN 111-Clothing Construction (CSU) - 5 Units

Introduction to professional sewing equipment: power sewing machine, overlock, steam iron to create basic sewing technique projects.

14232	LEC	7:00 am - 8:15 am	MTWTh	Siccardi, M	CY/ D234
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14243	LAB	8:25 am - 11:40 am	MTWThF	Siccardi, M	CY/ D234
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(Starts 08/27/2018, Ends 10/21/2018)

14258	LEC	7:00 am - 8:15 am	MTWTh	Duarte, A S	CY/ D332
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14269	LAB	8:25 am - 11:40 am	MTWThF	Duarte, A S	CY/ D332
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(Starts 08/27/2018, Ends 10/21/2018)

14360	LEC	7:00 am - 8:15 am	MTWTh	Gamlowski, R J	CY/ D234
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14387	LAB	8:25 am - 11:40 am	MTWThF	Gamlowski, R J	CY/ D234
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(Starts 10/22/2018, Ends 12/16/2018)

14284	LEC	11:50 am - 1:05 pm	MTWTh	Chao, K L	CY/ D234
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14295	LAB	1:15 pm - 4:30 pm	MTWThF	Chao, K L	CY/ D234
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(Starts 08/27/2018, Ends 10/21/2018)

14315	LEC	11:50 am - 1:05 pm	MTWTh	STAFF, L	CY/ D234
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14330	LAB	1:15 pm - 4:30 pm	MTWThF	STAFF, L	CY/ D234
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(Starts 10/22/2018, Ends 12/16/2018)

FASHDSN 112-Basic Fashion Art And Design (CSU) - 5 Units

Instruction includes drawing the women's fashion figure, drawing children and men's figures, flats, various styles and details. Introduction to color, design theory, fabric properties and rendering. Merchandising a garment line.

14453	LEC	7:00 am - 8:15 am	MTWTh	STAFF, L	CY/ D203
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14460	LAB	8:25 am - 11:40 am	MTWThF	STAFF, L	CY/ D203
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(Starts 08/27/2018, Ends 10/21/2018)

14500	LEC	7:00 am - 8:15 am	MTWTh	Siccardi, M	CY/ D203
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14511	LAB	8:25 am - 11:40 am	MTWThF	Siccardi, M	CY/ D203
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(Starts 10/22/2018, Ends 12/16/2018)

14527	LEC	7:00 am - 8:15 am	MTWTh	Radenbaugh, T	CY/ D105
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14547	LAB	8:25 am - 11:40 am	MTWThF	Radenbaugh, T	CY/ D105
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
14470 (Starts 08/27/2018, Ends 10/21/2018)	LEC	11:50 am - 1:05 pm	MTWTh	Walker, T	CY/ D203
AND					
14481 (Starts 08/27/2018, Ends 10/21/2018)	LAB	1:15 pm - 4:30 pm	MTWThF	Walker, T	CY/ D203
14563 (Starts 10/22/2018, Ends 12/16/2018)	LEC	11:50 am - 1:05 pm	MTWTh	Walker, T	CY/ D203
AND					
14590 (Starts 10/22/2018, Ends 12/16/2018)	LAB	1:15 pm - 4:30 pm	MTWThF	Walker, T	CY/ D203

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.

14627 (Starts 08/27/2018, Ends 10/21/2018)	LEC	11:50 am - 1:15 pm	TTh	Siccardi, M	CY/ D236
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FASHDSN 119B-History Of Costume II (CSU) - 1.5 Units

This course will examine events of each period between 1800 and the present and their influence on fashion. Emphasis is placed upon fabrications and silhouettes which represent each period. The ongoing influence of vintage fashion, on contemporary design, will be analyzed.

14632 (Starts 10/22/2018, Ends 12/16/2018)	LEC	11:50 am - 1:20 pm	TTh	STAFF, L	CY/ D236
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FASHDSN 120-Basic Pattern Making & Design (CSU) - 5 Units

Enrollment Requirement: Prerequisite: FASHDSN 111 and FASHDSN 112

Instruction is given on drafting the basic block, multiple darts and gathers, style lines, sleeves, collars, skirts, and bodice silhouettes.

14595 (Starts 10/22/2018, Ends 12/16/2018)	LEC	7:00 am - 8:15 am	MTWTh	Jackson, T R	CY/ D331
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AND

14603 (Starts 10/22/2018, Ends 12/16/2018)	LAB	8:25 am - 11:40 am	MTWThF	Jackson, T R	CY/ D331
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14620 (Starts 10/22/2018, Ends 12/16/2018)	LEC	7:00 am - 8:15 am	MTWTh	Duarte, A S	CY/ D333
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AND

14628 (Starts 10/22/2018, Ends 12/16/2018)	LAB	8:25 am - 11:40 am	MTWThF	Duarte, A S	CY/ D333
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14637 (Starts 10/22/2018, Ends 12/16/2018)	LEC	11:50 am - 1:05 pm	MTWTh	Glass Villalobos, N	CY/ D105
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AND

14651 (Starts 10/22/2018, Ends 12/16/2018)	LAB	1:15 pm - 4:30 pm	MTWThF	Glass Villalobos, N	CY/ D105
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Class No	Component	Start/End Time	Days	Instructor	Room
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FASHDSN 122-Grading And Marker Making - 5 Units

Instruction is given in grading the basic block, multi patterns, the complete pattern for men, women and children, in a variety of sizes, make a marker, manipulate the one and two darts block, draft the basic dart positions, demonstrate the slash and pivot methods, draft extensions, button placement and facing.

14660	LEC	7:00 am - 8:15 am	MTWTh	STAFF, L	CY/ D105
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14670	LAB	8:25 am - 11:40 am	MTWThF	STAFF, L	CY/ D105
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(Starts 08/27/2018, Ends 10/21/2018)

14677	LEC	7:00 am - 8:15 am	MTWTh	Gamlowski, R J	CY/ D130
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14688	LAB	8:25 am - 11:40 am	MTWThF	Gamlowski, R J	CY/ D130
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(Starts 08/27/2018, Ends 10/21/2018)

14699	LEC	11:50 am - 1:05 pm	MTWTh	Glass Villalobos, N	CY/ D105
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(Starts 08/27/2018, Ends 10/21/2018)

AND

14716	LAB	1:15 pm - 4:30 pm	MTWThF	Glass Villalobos, N	CY/ D105
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(Starts 08/27/2018, Ends 10/21/2018)

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.

14892	LEC	9:00 am - 10:30 am	MW	STAFF, L	CY/ D236
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(Starts 08/27/2018, Ends 10/21/2018)

FASHDSN 125B-Textile Science (CSU) - 1.5 Units

This course is an introduction and overview of trade terminology, characteristics of fabrics. This course is an introduction and overview of trade terminology, characteristics of fabric. Topics discussed include: types of yarns and properties, twist yarn, yarn numbering systems and factors in yarn influencing quality.

14899	LEC	9:00 am - 10:30 am	MW	STAFF, L	CY/ D236
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(Starts 10/22/2018, Ends 12/16/2018)

FASHDSN 130-Draping & Design (CSU) - 5 Units

Enrollment Requirement: Prerequisite: FASHDSN 120

Instruction is given in fundamental draping procedures. The basic block and dart variations, yoke styles, torso styles, advanced skirts, cowls, stretch knits, and current style adaptation are practiced. Student Learning Outcomes: Student will drape a cowl blouse and stylized skirt in woven fabric including a finished pattern. Student will drape and create an original style in knit fabric and complete a finished pattern.

14722	LEC	7:00 am - 8:15 am	MTWTh	Lee, A D	CY/ D106
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14729	LAB	8:25 am - 11:40 am	MTWThF	Lee, A D	CY/ D106
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(Starts 10/22/2018, Ends 12/16/2018)

14765	LEC	7:00 am - 8:15 am	MTWTh	STAFF, L	CY/ D102
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14776	LAB	8:25 am - 11:40 am	MTWThF	STAFF, L	CY/ D102
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
14742	LEC	11:50 am - 1:05 pm	MTWTh	Chao, K L	CY/ D102
<small>(Starts 10/22/2018, Ends 12/16/2018)</small>					

AND

14752	LAB	1:15 pm - 4:30 pm	MTWThF	Chao, K L	CY/ D102
<small>(Starts 10/22/2018, Ends 12/16/2018)</small>					

FASHDSN 132-Advanced Patterns And Design (CSU) - 5 Units

Enrollment Requirement: Prerequisite: FASHDSN 120 and FASHDSN 122

Instruction is given in torso, jacket and pant blocks, sleeves-in-one with the bodice, neckline variations, and style adaptations according to current styling.

14782	LEC	7:00 am - 8:15 am	MTWTh	Lee, A D	CY/ D106
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

AND

14787	LAB	8:25 am - 11:40 am	MTWThF	Lee, A D	CY/ D106
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

14795	LEC	7:00 am - 8:15 am	MTWTh	Jackson, T R	CY/ D331
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

AND

14804	LAB	8:25 am - 11:40 am	MTWThF	Jackson, T R	CY/ D331
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

14816	LEC	11:50 am - 1:05 pm	MTWTh	Jackson, T R	CY/ D331
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

AND

14831	LAB	1:15 pm - 4:30 pm	MTWThF	Jackson, T R	CY/ D331
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

FASHDSN 137-Bustier Creation - 2 Units

Research historical bustier (corset foundation) designs and construction methods and adapt them to create currently fashionable bustiers. Fundamentals of evening dress foundation.

14836	LAB	8:35 am - 3:05 pm	Sa	Melin, L A	CY/ D102
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FASHDSN 138-Tailoring Techniques For Ready To Wear - 2 Units

The objective of this course is to advance the tailoring skills of fashion design students. Instruction will be given on preparation and cutting of fabric, basic hand stitching, the use of steam pressing equipment, and basic elements of tailored apparel.

14842	LAB	11:50 am - 4:05 pm	F	Lee, A D	CY/ D106
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FASHDSN 141-Advanced Design (CSU) - 5 Units

Enrollment Requirement: Prerequisite: FASHDSN 130 and FASHDSN 132

Student will replicate an intricate pant style including a complete pattern and finished garment. Student will design and create a swim suit using industry required fabrications and draft of complete pattern. Student will design and construct a cocktail dress in appropriate assigned fabrications using drafting and draping techniques and complete pattern.

14848	LEC	7:00 am - 8:15 am	MTWTh	Alcala, C	CY/ D230
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

AND

14850	LAB	8:25 am - 11:40 am	MTWThF	Alcala, C	CY/ D230
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					

Class No	Component	Start/End Time	Days	Instructor	Room
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FASHDSN 142-Manufacturing Production (CSU) - 5 Units**Enrollment Requirement:** Prerequisite: FASHDSN 141

Instruction is given in design and creation of garments for showing to the apparel industry. Included is the creation of children's and men's designs along with evening and avant garde styles and the development of a perfect production patterns for a minimum of two ensembles. Field trips, senior evaluation, and job orientation are also included.

14869	LEC	7:00 am - 8:15 am	MTWTh	Alcala, C	CY/ D230
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(Starts 10/22/2018, Ends 12/16/2018)

AND

14875	LAB	8:25 am - 11:40 am	MTWThF	Alcala, C	CY/ D230
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(Starts 10/22/2018, Ends 12/16/2018)

FASHDSN 147-Fashion Show Production (CSU) - 2 Units

Instruction is given on developing a theme and overall concept for presenting a fashion show. Topics include history of fashion presentations, model selection, fitting, stage design and execution plus behind the scenes production of a department fashion show.

14900	LEC	12:00 pm - 1:25 pm	F	Duarte, A S	CY/ D236
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AND

14906	LAB	1:25 hrs/wk	TBA	Duarte, A S	CY/ D236
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FASHDSN 222-Sample Making And Design I - 2 Units

The fundamentals of garment construction using industrial power machines. Students will create a portfolio which demonstrates basic sewing techniques.

14926	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	CY/ D130
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14913	LAB	6:00 pm - 9:10 pm	TTh	Brooks, M	CY/ D234
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FASHDSN 223-Sample Making And Design II - 2 Units

Construction of selected garments for more advanced construction problems. Cutting and constructing blouses, shirt, pants and lined jacket.

14943	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	CY/ D130
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14935	LAB	6:00 pm - 9:10 pm	TTh	Brooks, M	CY/ D234
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FASHDSN 224-Sample Making And Design III - 2 Units

Students receive instruction on the theory of color, line and proportion. Selected soft dressmaker type coats, suits, vests, blouses, and dresses are made.

14958	LAB	8:35 am - 3:05 pm	Sa	Drebskaya, F	CY/ D130
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14951	LAB	6:00 pm - 9:10 pm	TTh	Brooks, M	CY/ D234
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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.

14974	LAB	8:35 am - 3:05 pm	Sa	Nichols-Cox, M	CY/ D331
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14965	LAB	6:00 pm - 9:10 pm	MW	Brooks, M	CY/ D105
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Class No	Component	Start/End Time	Days	Instructor	Room
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FASHDSN 226-Pattern Making And Design II - 2 Units**Enrollment Requirement:** Prerequisite: FASHDSN 225

Intermediate level class offering instruction on the torso bodice, dartless block and drafting a basic pant then using the blocks to create dresses, shirt styles and pant variations. Advanced skirts styling is also included.

14993 LAB 8:35 am - 3:05 pm Sa Stafford, W CY/ D205

14979 LAB 6:00 pm - 9:10 pm MW Melin, L A CY/ D102

FASHDSN 227-Pattern Making And Design III - 2 Units**Enrollment Requirement:** Prerequisite: FASHDSN 226

Advanced level class offering instruction on jackets, advanced sleeve styles, contouring fundamentals, and basic bodysuits and leotards.

15004 LAB 8:35 am - 3:05 pm Sa Stafford, W CY/ D205

14998 LAB 6:00 pm - 9:10 pm MW Melin, L A CY/ D102

FASHDSN 228-Pattern Grading And Design I - 2 Units

This course offers training in increasing and decreasing the pattern size for basic slopers in the several size ranges of women's wearing apparel. Also includes practice in selected methods and in the use of grading machines currently used in industry.

15013 LAB 6:00 pm - 9:10 pm TTh Glass Villalobos, N CY/ D106

FASHDSN 229-Pattern Grading And Design II - 2 Units

Selected whole garments are graded. Research and study is done on the laws of proportionate growth, size ranges, and difficult pattern shapes. Principles of design are correlated to grading problems. Marker making and cost sheets development is included in this course.

15021 LAB 6:00 pm - 9:10 pm TTh Glass Villalobos, N CY/ D106

FASHDSN 236-Fashion Sketching And Design I - 2 Units

Instruction includes fashion figure drawing, rendering fabrics and garments on figures, designing selected garments, study of color theory and techniques.

15024 LAB 6:00 pm - 9:10 pm MW Osuna, C L CY/ D106

FASHDSN 237-Fashion Sketching And Design II - 2 Units**Enrollment Requirement:** Prerequisite: FASHDSN 236

Instruction includes women's day dresses, children's fashion figures and garment designs, watercolor or gouache techniques, illustrations, contemporary graphic layouts and the portfolio development. Techniques of quick sketching will be covered.

15028 LAB 6:00 pm - 9:10 pm MW Osuna, C L CY/ D106

FASHDSN 238-Fashion Sketching And Design III - 2 Units**Enrollment Requirement:** Prerequisite: FASHDSN 236 and FASHDSN 237

Development of professional portfolio presentation including development of design focus and, advanced research techniques. The process will include the development of illustration techniques and design refinement. Professional readiness including; writing a resume, cover letter and calling card and developing refined job interview skills.

15036 LAB 6:00 pm - 9:10 pm MW Osuna, C L CY/ D106

Class No	Component	Start/End Time	Days	Instructor	Room
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FASHDSN 239-Gown Draping And Design I - 2 Units

Instruction is offered on draping, fitting basic blocks, and transferring the drape to a paper pattern. Students will drape basic type bodices, sleeves, skirts, collars, and construction details. Theory includes basic principles of design, line, proportion, and fabric use.

15051	LAB	8:35 am - 3:05 pm	Sa	Kim, H	CY/ D105
15043	LAB	6:00 pm - 9:10 pm	TTh	Cunnigan, D J	CY/ D105

FASHDSN 240-Gown Draping And Design II - 2 Units

This course includes the draping of casual knit garments and dress and jacket style innovations. Students use either muslin or fashion fabric according to their capabilities. Fashion trends are studied and original designs are created.

15065	LAB	8:35 am - 3:05 pm	Sa	Kim, H	CY/ D105
15057	LAB	6:00 pm - 9:10 pm	TTh	Cunnigan, D J	CY/ D102

FASHDSN 241-Gown Draping And Design III - 2 Units

This course correlates the designer's knowledge of designing, sketching, patternmaking, draping, and construction. Students develop confidence as they study the problems of merchandising and manufacturing. Original designs for special occasion garments are executed in various fabrics.

15078	LAB	8:35 am - 3:05 pm	Sa	Kim, H	CY/ D105
15070	LAB	6:00 pm - 9:10 pm	TTh	Cunnigan, D J	CY/ D102

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.

15084	LAB	6:00 pm - 9:10 pm	TTh	Walker, T	CY/ D303
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FASHDSN 255-Computerized Product Design - 2 Units

This course offers training and development of skills in apparel utilizing the latest versions of apparel pattern making software. Design students will concentrate on pattern development including, drafting, alterations, and manipulations.

15089	LAB	6:00 pm - 9:10 pm	TTh	Johnson, D A	CY/ D133
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FASHDSN 257-Apparel Pattern Design Systems - 2 Units

This course provides an overview of current computer-aided design applications used in apparel pattern development. The class will cover manual pattern development and demonstrate how two-dimensional patterns translate to the computer. Students will learn to identify menus associated with pattern applications, used for Tukatech software, and will compose a full-scale pattern on the computer as it applies to industry.

15095	LAB	6:00 pm - 9:10 pm	MW	Stanley, J M	CY/ D132
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FASHDSN 258-Computer-Aided Pattern Systems - 2 Units

This course is designed to expand knowledge of pattern making using Lectra Systems software programs. A variety of pattern will be created using the draft method and the use of basic blocks.

25517	LAB	6:00 pm - 9:10 pm	TTh	STAFF, L	CY/ D132
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Class No	Component	Start/End Time	Days	Instructor	Room
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FASHDSN 264-Apparel Computer Systems Analysis (CSU) - 1 Unit

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

25518 LAB 7:45 am - 11:05 am TTh STAFF, L CY/ D203
(Starts 10/22/2018, Ends 12/16/2018)

FASHDSN 270-Illustrator For Fashion Design - 2 Units

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

15106 LAB 8:35 am - 3:05 pm Sa Adams, L L CY/ D303

FASHDSN 941-Cooperative Education - Fashion Design (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.

15111 LEC 4:15 hrs/wk TBA Glass Villalobos, N CY/ D232

Fashion Merchandising

FASHMER 001-Entrepreneurial Fashion (CSU) - 3 Units

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

15118 LEC 8:30 am - 11:00 am F Murphy, D R CY/ D300

AND

15123 LAB 11:10 am - 12:35 pm F Murphy, D R CY/ D300

FASHMER 010-Retail Merchandising (CSU) - 3 Units

This course introduces all phases of fashion retailing from the creative to the financial. It is designed to familiarize students to the crucial functions of merchandising and product management in a retail company. The course covers special aspects of retailing including: the evolution of the industry, merchandising roles and careers, market knowledge, consumer behavior, planning and control and retail pricing.

15127 LEC 8:30 am - 9:55 am MW Murphy, D R CY/ D300

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.

15132 LEC 6:00 pm - 8:30 pm T Dwyer, N CY/ D300

AND

15139 LAB 6:00 pm - 7:25 pm Th Dwyer, N CY/ D300

Class No	Component	Start/End Time	Days	Instructor	Room
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FASHMER 025-Fashion And Industry Interchange (CSU) - 3 Units

This course covers current trends and relationships in the Fashion Industry between apparel, accessories, cosmetics, and home goods. Each category of goods is reviewed from the perspectives of historical development, organization and operation, merchandising and marketing in order to gain broad insight to the unique aspects of these industry segments.

15148	LEC	10:30 am - 11:55 am	MW	Murphy, D R	CY/ D300
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FASHMER 030-Wholesale Merchandising (CSU) - 3 Units

This course prepares students for a merchandising position with an apparel manufacturing company. All phases, including line development, design, costing, sales, production, contracting and distribution are covered. Current trends and specialized knowledge in merchandising a successful line are emphasized.

15157	LEC	8:30 am - 9:55 am	TTh	Murphy, D R	CY/ D300
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FASHMER 041-Fashion Merchandise Buying (CSU) - 3 Units

This course provides specific instruction on fashion/merchandise buying tasks such as: identifying target customers, creating six month merchandise plans, departmental assortment plans, shopping the market and placing orders, in-season sales planning and forecasting, and calculating open-to-buy. This course covers the process of retail buying for a small business as well as for larger companies.

15161	LEC	10:10 am - 12:40 pm	T	Murphy, D R	CY/ D300
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AND

15166	LAB	10:10 am - 11:35 am	Th	Murphy, D R	CY/ D300
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FASHMER 941-Cooperative Education - Fashion Merchandising (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.

15179	LEC	4:15 hrs/wk	TBA	Glass Villalobos, N	CY/ D232
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Finance

FINANCE 008-Personal Finance And Investments (CSU) - 3 Units

Personal Finance And Investments

26064	LEC	6:00 pm - 9:10 pm	M	STAFF, L	CH/ K322
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15403	LEC	3:10 hrs/wk	TBA	Mcintosh, A U	ON LINE
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French

FRENCH 001-Elementary French I (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 6A CSU C2

Elementary French I

10286	LEC	10:10 am - 12:45 pm	TTh	Tamer, N E	OH/ F223
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Class No	Component	Start/End Time	Days	Instructor	Room
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Geography

GEOG 001-Physical Geography (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5A CSU B1

Physical Geography

11513	LEC	6:00 pm - 9:10 pm	M	Landau, D M	AH/T E213
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GEOG 002-Cultural Elements Of Geography (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4E CSU D5

Cultural Elements Of Geography

11839	LEC	2:30 pm - 3:55 pm	TTh	Conti, M R	AH/T E313
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Geology

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

Requirement Designation: Meets IGETC 5A CSU B1

Physical Geology

12572	LEC	8:00 am - 11:10 am	Sa	Boroon, M H	AH/T E312
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12558	LEC	6:00 pm - 9:10 pm	T	Ortega, R	AH/T E312
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GEOLOGY 006-Physical Geology Laboratory (UC/CSU) - 2 Units

Requirement Designation: Meets IGETC 5C CSU B3

Enrollment Requirement: Prerequisite or Corequisite: GEOLOGY 001

Physical Geology Laboratory

13019	LAB	11:30 am - 1:35 pm	Sa	Boroon, M H	CH/ K424
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Health

HEALTH 006-Nutrition For Healthful Living And Fitness Activities (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E1

Nutrition For Healthful Living And Fitness Activities

14216	LEC	5:00 pm - 7:05 pm	W	Sullivan, S L	OH/ F215
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AND

14228	LAB	7:15 pm - 9:20 pm	W	Sullivan, S L	WH/ J212
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HEALTH 008-Women'S Personal Health (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

Women'S Personal Health

14973	LEC	1:20 pm - 2:45 pm	TTh	Sullivan, S L	OH/ F215
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14980	LEC	1:20 pm - 2:45 pm	MW	Sullivan, S L	OH/ F215
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HEALTH 011-Principles Of Healthful Living (UC/CSU) - 3 Units

Requirement Designation: Meets CSU E

Principles Of Healthful Living

17482	LEC	7:00 am - 8:25 am	TTh	Lagos, D R	OH/ F215
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25299	LEC	7:00 am - 8:25 am	MW	Lagos, D R	OH/ F216
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23997	LEC	8:00 am - 9:25 am	MW	King, G R	OFF CAMP
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Crenshaw Magnet

Fall 2018 Schedule

LA Trade-Technical College

Class No	Component	Start/End Time	Days	Instructor	Room
17444	LEC	8:35 am - 10:00 am	MW	Lagos, D R	OH/ F215
17490	LEC	8:35 am - 10:00 am	TTh	Lagos, D R	OH/ F215
23999	LEC	9:50 am - 11:15 am	MW	King, G R	OFF CAMP
Crenshaw Magnet HS					
17452	LEC	10:10 am - 11:35 am	TTh	Lagos, D R	OH/ F216
25300	LEC	10:10 am - 11:35 am	MW	Lagos, D R	OH/ F216
17458	LEC	11:45 am - 1:10 pm	TTh	Wells, R L	OH/ F216
17465	LEC	11:45 am - 1:10 pm	MW	Wells, R L	OH/ F216
17503	LEC	3:00 pm - 4:25 pm	MW	Sullivan, S L	OH/ F215
17515	LEC	3:00 pm - 4:25 pm	TTh	Sullivan, S L	OH/ F215
17545	LEC	6:00 pm - 9:10 pm	M	Lagos, D R	OH/ F215
23998	LEC	3:15 hrs/wk	TBA	Delzeit, L D	ON LINE

For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Linda Delzeit @ DELZEILD@lattc.edu.

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

18809 LEC 8:00 am - 10:25 am Sa STAFF, L OH/ F215

(Starts 10/22/2018, Ends 12/16/2018)

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.

25540 LEC 5:30 pm - 7:00 pm TWTh Holland, L S RH/ C201

(Starts 09/10/2018, Ends 12/16/2018)

AND

25543 LAB 3:45 hrs/wk TBA Holland, L S H OSP

(Starts 09/10/2018, Ends 12/16/2018)

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

Skill Set For The Health Care Professional

25533 LEC 11:45 am - 12:20 pm TTh O'Leary, J K RH/ C201

(Starts 09/10/2018, Ends 12/16/2018)

AND

25537 LAB 12:30 pm - 2:20 pm TTh O'Leary, J K RH/ C201

(Starts 09/10/2018, Ends 12/16/2018)

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

Basic Medical Terminology, Pathophysiology And Pharmacology

25532 LEC 10:10 am - 11:20 am TTh O'Leary, J K RH/ C201

(Starts 09/10/2018, Ends 12/16/2018)

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

Cultural And Legal Topics For Health Care Professionals

25530	LEC	8:35 am - 10:40 am	T	O'Leary, J K	RH/ C201
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(Starts 10/22/2018, Ends 12/16/2018)

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

Fundamentals For The Health Care Professional

25526	LEC	7:00 am - 8:25 am	TTh	O'Leary, J K	RH/ C201
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(Starts 09/10/2018, Ends 12/16/2018)

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

19287	LEC	8:35 am - 10:00 am	MW	Bird, B L	AH/T E313
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Bethany Bird@BirdBL@lattc.edu

19288	LEC	8:35 am - 10:00 am	MW	Mazon, R	AH/T E301
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19299	LEC	8:35 am - 10:00 am	TTh	Rodriquez Estrada, A I	AH/T E301
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19290	LEC	10:10 am - 11:35 am	MW	Simon, D G	AH/T E301
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19305	LEC	10:10 am - 11:35 am	TTh	Bird, B L	ON LINE
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Bethany Bird@BirdBL@lattc.edu

19294	LEC	11:45 am - 1:10 pm	MW	Simon, D G	AH/T E301
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19301	LEC	11:45 am - 1:10 pm	TTh	Bird, B L	AH/T E313
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Bethany Bird@BirdBL@lattc.edu

19311	LEC	6:00 pm - 9:10 pm	T	Gutierrez, E O	AH/T E313
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19319	LEC	6:00 pm - 9:10 pm	W	Friedman, B D	AH/T E323
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19327	LEC	3:10 hrs/wk	TBA	Rodriquez Estrada, A I	ON LINE
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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

19672	LEC	8:35 am - 10:00 am	TTh	Bird, B L	AH/T E313
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19676	LEC	9:00 am - 12:10 pm	Sa	Grutzmacher, W	AH/T E313
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19684	LEC	10:10 am - 11:35 am	MW	Bird, B L	ON LINE
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19673	LEC	11:45 am - 1:10 pm	TTh	Smith, J J	AH/T E312
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19681	LEC	6:00 pm - 9:10 pm	Th	Grutzmacher, W	AH/T E313
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HISTORY 041-The African American In The History Of The U.S. I (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4F CSU D6*

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

19729	LEC	10:10 am - 11:35 am	TTh	Flowers, E R	AH/T E301
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Class No	Component	Start/End Time	Days	Instructor	Room
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HISTORY 043-The Mexican-American In The History Of The United States I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

The Mexican-American In The History Of The United States I

19744	LEC	10:10 am - 11:35 am	TTh	Rodriquez Estrada, A I	AH/T E323
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HISTORY 052-The Role Of Women In The History Of The U.S. (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

The Role Of Women In The History Of The U.S.

19755	LEC	11:45 am - 1:10 pm	MW	Bird, B L	AH/T E313
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HISTORY 086-Introduction To World Civilization I (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4F CSU D6

Introduction To World Civilization I

19777	LEC	10:10 am - 11:35 am	MW	Friedman, B D	AH/T E323
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Humanities

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

Requirement Designation: Meets IGETC 3B CSU C2

Cultural Patterns Of Western Civilization

10351	LEC	7:00 am - 8:25 am	MW	Abdul-Mu'min, J	AH/T E120
10398	LEC	8:35 am - 10:00 am	TTh	Armstrong, A E	MH 309
10434	LEC	9:00 am - 10:25 am	F	Tropf, R K	AH/T E221
And	LEC	1:25 hrs/wk	TBA	Tropf, R K	ON LINE
10371	LEC	3:00 pm - 6:10 pm	T	STAFF, L	AH/T E206
10522	LEC	6:00 pm - 9:10 pm	T	STAFF, L	AH/T E206
10581	LEC	3:10 hrs/wk	TBA	Tropf, R K	ON LINE

HUMAN 002-Studies In Selected Cultures (UC/CSU) (RPT 1) - 3 Units

Requirement Designation: Meets IGETC 3B CSU C2

Studies In Selected Cultures

10650	LEC	10:10 am - 11:35 am	TTh	Armstrong, A E	MH 309
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Kinesiology

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

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Swimming Non-Swimmer I

25425	LAB	8:35 am - 10:00 am	MW	Mayfield, M D	P OOL
25426	LAB	8:35 am - 10:00 am	TTh	Mayfield, M D	P OOL
25406	LAB	10:10 am - 11:35 am	MW	Ratcliff, J E	P OOL
25407	LAB	10:10 am - 11:35 am	TTh	Ratcliff, J E	P OOL

Class No	Component	Start/End Time	Days	Instructor	Room
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KIN 300-2-Swimming Non-Swimmer II (UC/CSU) - 1 Unit**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Swimming Non-Swimmer II

25427	LAB	8:35 am - 10:00 am	MW	Mayfield, M D	P OOL
25428	LAB	8:35 am - 10:00 am	TTh	Mayfield, M D	P OOL
25408	LAB	10:10 am - 11:35 am	MW	Ratcliff, J E	P OOL
25409	LAB	10:10 am - 11:35 am	TTh	Ratcliff, J E	P OOL

KIN 300-3-Swimming Non-Swimmer III (CSU) - 1 Unit*Requirement Designation: Meets CSU E1***Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Swimming Non-Swimmer III

25429	LAB	8:35 am - 10:00 am	MW	Mayfield, M D	P OOL
25430	LAB	8:35 am - 10:00 am	TTh	Mayfield, M D	P OOL
25410	LAB	10:10 am - 11:35 am	MW	Ratcliff, J E	P OOL
25411	LAB	10:10 am - 11:35 am	TTh	Ratcliff, J E	P OOL

KIN 303-1-Aqua Aerobics I (CSU) - 1 Unit*Requirement Designation: Meets CSU E1***Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Aqua Aerobics I

25412	LAB	1:20 pm - 2:45 pm	TTh	Delzeit, L D	P OOL
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Linda Delzeit @ DELZEILD@lattc.edu.

KIN 303-2-Aqua Aerobics II (CSU) - 1 Unit*Requirement Designation: Meets CSU E1***Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Aqua Aerobics II

25413	LAB	1:20 pm - 2:45 pm	TTh	Delzeit, L D	P OOL
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Linda Delzeit @ DELZEILD@lattc.edu.

KIN 303-3-Aqua Aerobics III (CSU) - 1 Unit*Requirement Designation: Meets CSU E1***Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Aqua Aerobics III

25414	LAB	1:20 pm - 2:45 pm	TTh	Delzeit, L D	P OOL
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For more info. regarding Open Educational Resource (OER) materials for this class, please contact the instructor, Linda Delzeit @ DELZEILD@lattc.edu.

KIN 329-1-Body Conditioning I (CSU) - 1 Unit**Enrollment Requirement:** Maximum of 4 enrollments in Kinesiology family

Body Conditioning I

13087	LAB	7:00 am - 8:25 am	MW	Budinger, J E	CH/K BASE
13376	LAB	7:00 am - 8:25 am	TTh	Budinger, J E	CH/K BASE
13117	LAB	8:35 am - 10:00 am	MW	Budinger, J E	CH/K BASE

Class No	Component	Start/End Time	Days	Instructor	Room
13455	LAB	8:35 am - 10:00 am	TTh	Budinger, J E	CH/K BASE
13962	LAB	9:00 am - 12:10 pm	F	Stojic, S	CH/K BASE
13152	LAB	10:10 am - 11:35 am	MW	Budinger, J E	CH/K BASE
13557	LAB	10:10 am - 11:35 am	TTh	Budinger, J E	CH/K BASE
13199	LAB	11:45 am - 1:10 pm	MW	Budinger, J E	CH/K BASE
13663	LAB	11:45 am - 1:10 pm	TTh	Budinger, J E	CH/K BASE
13247	LAB	1:20 pm - 2:45 pm	MW	STAFF, L	CH/K BASE
13770	LAB	1:20 pm - 2:45 pm	TTh	STAFF, L	CH/K BASE
13313	LAB	6:00 pm - 7:25 pm	MW	Skarr, G T	CH/K BASE
13850	LAB	6:00 pm - 7:25 pm	TTh	Skarr, G T	CH/K BASE

KIN 329-2-Body Conditioning II (UC/CSU) - 1 Unit

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Body Conditioning II

14720	LAB	7:00 am - 8:25 am	MW	Budinger, J E	CH/K BASE
14944	LAB	7:00 am - 8:25 am	TTh	Budinger, J E	CH/K BASE
14745	LAB	8:35 am - 10:00 am	MW	Budinger, J E	CH/K BASE
15006	LAB	8:35 am - 10:00 am	TTh	Budinger, J E	CH/K BASE
15400	LAB	9:00 am - 12:10 pm	F	Stojic, S	CH/K BASE
14771	LAB	10:10 am - 11:35 am	MW	Budinger, J E	CH/K BASE
15073	LAB	10:10 am - 11:35 am	TTh	Budinger, J E	CH/K BASE
14799	LAB	11:45 am - 1:10 pm	MW	Budinger, J E	CH/K BASE
15143	LAB	11:45 am - 1:10 pm	TTh	Budinger, J E	CH/K BASE
14844	LAB	1:20 pm - 2:45 pm	MW	STAFF, L	CH/K BASE
25432	LAB	1:20 pm - 2:45 pm	TTh	STAFF, L	CH/K BASE
14883	LAB	6:00 pm - 7:25 pm	MW	Skarr, G T	CH/K BASE
15306	LAB	6:00 pm - 7:25 pm	TTh	Skarr, G T	CH/K BASE

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

Requirement Designation: Meets CSU E1

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

Cardio Kickboxing I

21898	LAB	10:10 am - 11:35 am	TTh	Stojic, S	LG/ G100
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KIN 332-1-Step Aerobics I (UC/CSU) (RPT 3) - 1 Unit

Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family

This course is designed to improve cardiovascular fitness and strengthen select muscle groups by performing stepping skills in rhythm with music. Stepping is primarily a low impact aerobic exercise. Activity includes muscle conditioning and flexibility exercises.

21889	LAB	8:35 am - 10:00 am	MW	Neighbors, A N	LG/ G100
21896	LAB	10:10 am - 11:35 am	MW	Neighbors, A N	LG/ G100

Class No	Component	Start/End Time	Days	Instructor	Room
KIN 334-1-Fitness Walking I (CSU) - 1 Unit					
<i>Requirement Designation: Meets CSU E1</i>					
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family					
Fitness Walking I					
16138	LAB	10:10 am - 11:35 am	TTh	STAFF, L	WH/ J212
25524	LAB	11:45 am - 1:10 pm	TTh	STAFF, L	WH/ J212
KIN 350-1-Weight Training I (CSU) - 1 Unit					
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family					
Weight Training I					
16766	LAB	9:00 am - 12:10 pm	Sa	Pfiffner, B C	CH/K BASE
25431	LAB	12:30 pm - 3:40 pm	Sa	Pfiffner, B C	CH/K BASE
KIN 351-1-Yoga I (UC/CSU) - 1 Unit					
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family					
Yoga I					
21900	LAB	10:10 am - 11:35 am	TTh	De Castro, J	WH/ J212
21902	LAB	10:10 am - 11:35 am	MW	De Castro, J	WH/ J212
KIN 387-Basketball - 1 Unit					
<i>Requirement Designation: Meets CSU E1</i>					
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family					
Basketball					
12923	LAB	1:20 pm - 2:45 pm	MTWTh	Wells, R L	LG/ G100
<small>(Starts 08/27/2018, Ends 10/21/2018)</small>					
KIN 391-1-Volleyball I (UC/CSU) - 1 Unit					
<i>Requirement Designation: Meets CSU E</i>					
Enrollment Requirement: Maximum of 4 enrollments in Kinesiology family					
Volleyball I					
14227	LAB	8:35 am - 10:00 am	TTh	Lee, M ALG/ G100	
Kinesiology Athletics					
KIN ATH 504-Intercollegiate Athletics-Basketball (CSU) (RPT 3) - 3 Units					
Intercollegiate Athletics-Basketball					
10601	LAB	3:00 pm - 5:05 pm	MTWThF	Morgan, S A	LG/ G100
10618	LAB	5:15 pm - 7:20 pm	MTWThF	Wells, R L	LG/ G100
KIN ATH 516-Intercollegiate Athletics-Volleyball (CSU) (RPT 3) - 3 Units					
<i>Requirement Designation: Meets CSU E1</i>					
Intercollegiate Athletics-Volleyball					
10955	LAB	7:30 pm - 9:35 pm	MTWThF	Lee, M ALG/ G100	
KIN ATH 517-Intercollegiate Athletics-Water Polo (CSU) (RPT 1) - 3 Units					
Intercollegiate Athletics-Water Polo					
25388	LAB	5:30 am - 7:35 am	MTWThF	Ratcliff, J E	P OOL
11017	LAB	3:00 pm - 5:05 pm	MTWThF	Ratcliff, M	P OOL

Class No	Component	Start/End Time	Days	Instructor	Room
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KIN ATH 560-Intercollegiate Swimming/Diving-Fitness & Skills Training (CSU) (RPT 3) - 1 Unit

Intercollegiate Swimming/Diving-Fitness & Skills Training

22171 LAB 6:00 am - 7:30 am MTWTh Ratcliff, M P OOL
(Starts 10/22/2018, Ends 12/16/2018)

KIN ATH 563-Intercollegiate Volleyball-Fitness & Skills Training (UC/CSU) (RPT 3) - 1 Unit

Requirement Designation: Meets CSU E

Intercollegiate Volleyball-Fitness & Skills Training

11521 LAB 10:10 am - 11:35 am MW Lee, M ALG/ G100

Kinesiology Major

KIN MAJ 100-Introduction To Kinesiology (CSU) (RPT 1) - 3 Units

Introduction To Kinesiology

14231 LEC 8:35 am - 10:00 am MW Ratcliff, J E OH/ F216

KIN MAJ 101-First Aid And Cpr (CSU) - 3 Units

Requirement Designation: Meets IGETC 5A 5C CSU B3

First Aid And Cpr

17065 LEC 6:00 pm - 9:10 pm Th Swatek, C L OH/ F215

KIN MAJ 106-Sports Ethics (CSU) - 3 Units

Requirement Designation: Meets CSU C2

Sports Ethics

23319 LEC 8:35 am - 10:00 am TTh Ratcliff, J E OH/ F216

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.

26026 LEC 3:10 hrs/wk TBA Wills, E R ON LINE

LABR ST 004-Labor In America (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 4G CSU D7

Examines how labor organizations and labor laws impact workers, families and American society focusing on worksite-related issues such as job security, income, workers' rights, immigration and role of unions.

17118 LEC 10:10 am - 11:35 am MW Siegel, L TBA 1

17123 LEC 3:10 hrs/wk TBA Wills, E R ON LINE

LABR ST 009-Organizing Strategies And Techniques (CSU) - 3 Units

Students will learn basic skills and techniques needed to organize new workers, build and strengthen their unions and learn about relevant laws and winning strategies.

25457 LEC 6:00 pm - 9:10 pm W Eagleson, M S TEAM1932

Class No	Component	Start/End Time	Days	Instructor	Room
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LABR ST 010-Gender And Race Issues In The Workplace (CSU) - 3 Units

Gender And Race Issues In The Workplace

27442 LEC 6:00 pm - 9:10 pm T Adinolfi, C V UFCW 324

This is an off campus class to be held at UFCW Local 324, 8530 Stanton Avenue, Buena Park, CA 90622; contact Labor Center at 213-763-7129

LABR ST 011-Labor In The Public Sector (CSU) - 3 Units

This course covers public employment practices, policies, laws and labor relations at the federal, state and local levels.

25467 LEC 8:30 am - 5:20 pm SaSu Klipple, J L MH 309

And LEC 8:30 am - 5:20 pm SaSu Klipple, J L MH 309

And LEC 8:30 am - 5:20 pm Sa Klipple, J L MH 309

And LEC 8:30 am - 5:20 pm Sa Klipple, J L MH 309

Actual class dates: 11/17 & 11/18, 12/1 & 12/2, 12/8, 12/15/18.

(Starts 11/17/2018, Ends 12/15/2018)

LABR ST 013-Union Leadership (CSU) - 3 Units

This class covers basic leadership skills for building influence and advancing in a union. Includes public speaking, parliamentary procedure, strategic planning, staff development, motivating and mobilizing members.

21953 LEC 3:10 hrs/wk TBA Walker, J F ON LINE

LABR ST 020-Workers' Rights (CSU) - 3 Units

Basic legal rights for workers, including: wage and hour laws, overtime, leaves, workplace privacy including e-mail and computers, accommodating disabilities, including pregnancy, and combating sexual harassment and employment discrimination.

21942 LEC 6:00 pm - 9:10 pm Th Lopez, J M AH/T E221

17154 LEC 3:10 hrs/wk TBA Young, J F ON LINE

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.

25454 LEC 6:00 pm - 9:10 pm M Akel, T M TEAM 630

25455 LEC 6:00 pm - 9:10 pm T Chen, M M AH/T E221

LABR ST 101-Introduction To Unions (CSU) (RPT 2) - 1 Unit

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

17170 LEC 2:20 pm - 5:45 pm W Siegel, L TBA 1

(Starts 10/15/2018, Ends 12/16/2018)

LABR ST 109-Union Building Strategies (CSU) - 1 Unit

Skills and techniques to build a strong union through strategic planning, leadership development, communication techniques, 1-to-1 techniques.

25458 LEC 8:30 am - 5:20 pm Sa STAFF, L AH/T E221

(Starts 09/08/2018, Ends 09/15/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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LABR ST 113-Union Leadership Skills - 1 Unit

Basic leadership skills for building influence and advancing in your union. Includes strategic planning, parliamentary procedure, running effective meetings, communications and public speaking.

21945	LEC	9:00 am - 3:00 pm	Sa	Li, H	LA CFL
And	LEC	9:00 am - 1:00 pm	Sa	Li, H	LA CFL
And	LEC	9:00 am - 1:00 pm	Sa	Li, H	LA CFL
And	LEC	9:00 am - 1:00 pm	Sa	Li, H	LA CFL

Actual class dates: 9/29, 10/27, 11/17, and 12/8/18
(Starts 09/24/2018, Ends 12/16/2018)

LABR ST 128-Sexual Harassment And Discrimination (RPT 1) - 1 Unit

This course surveys sexual harassment and job discrimination including: criteria for claims, the law, court decisions, and protective agencies, policies and procedures for prevention.

25465	LEC	8:30 am - 5:20 pm	Sa	STAFF, L	AH/T E221
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(Starts 09/22/2018, Ends 09/29/2018)

LABR ST 134-California Workers' Rights (CSU) - 1 Unit

This course examines how the California Labor Code extends basic rights beyond federal law, including: minimum wage, maximum hours, timely pay, overtime and meal periods, right to know, parental and other leave rights, and enforcement procedures.

25466	LEC	8:30 am - 5:20 pm	Sa	Cantore, R A	AH/T E221
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(Starts 10/20/2018, Ends 10/27/2018)

LABR ST 136-When The Paycheck Stops (CSU) - 1 Unit

Union representatives occasionally must counsel members when the paycheck stops due to strikes, layoff, or plant closure. This course overviews professional services available for referral and teaches strategies for negotiating with landlords, mortgage companies, utility companies and other creditors.

25460	LEC	8:30 am - 5:20 pm	Sa	Olivas, A	AH/T E221
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(Starts 10/06/2018, Ends 10/13/2018)

Law

LAW 038-Criminal Law & Procdedure - 3 Units

Criminal Law & Procdedure

10195	LEC	11:45 am - 1:10 pm	TTh	Gary, K LCH/ K324	
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Library Science

LIB SCI 101-Library Research Methods (CSU) - 1 Unit

Library Research Methods

26200	LEC	1:00 pm - 3:05 pm	W	Samuel, J C	TBA 1
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(Starts 10/22/2018, Ends 12/16/2018)

Machine Shop – CNC

MSCNC 111-Principles Of Machine Tools I (CSU) - 2 Units

MSCNC 111 (Principles of Machine Tools I) is a course that will engage students with Machine Shop specific topics including; safety practices, hand tools, precision measuring tools, set-up and operation of band saws, drill presses, lathes, mills, pedestal grinders, power saws as well as computer numerical control (CNC) machine tools. Theoretical and manipulative exercises will challenge students' understanding of practical subject matter.

21419	LEC	7:00 am - 8:25 am	Th	Chit, T	OH/ F166
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AND

21420	LAB	7:00 am - 8:25 am	T	Shibuya, S T	OH/ F166
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MSCNC 112A-Technology And Application Of Machining Ia - 3 Units

MSCNC 112A (Technology and Application of Machining IA) is a lab course that will engage students with machine shop specific topics including; shop safety, speeds, feeds, set-up, operation and technology of basic machine tools. Band saws, drill presses, lathes, mills, pedestal grinders, power saws as well as computer numerical control (CNC) machine tools will be introduced and used by the students. Along with the machine tools, students will be expected to identify, manipulate and properly use and read basic hand tools and precision measuring instruments.

21425	LAB	7:00 am - 10:10 am	MWF	Chit, T	OH/ F152
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MSCNC 112B-Technology And Application Of Machining (Cad) Ib - 1 Unit

MSCNC 112B (Technology and Application of Machining (CAD) IB) is a course that will engage students with Machine Shop specific topics related to computer aided design (CAD). Topics will include solid model creation, blueprint creation, dimensioning, product development and assembling individual parts into completed assemblies.

21426	LAB	10:10 am - 11:35 am	TTh	Chit, T	OH/F 164C
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MSCNC 114-Print Interpretation & Sketching (Blueprint I) (CSU) - 3 Units

Print Interpretation & Sketching (Blueprint I)

21421	LEC	8:35 am - 10:00 am	TTh	Chit, T	OH/ F166
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MSCNC 115-Basic Applied Mathematical Calculations (CSU) - 3 Units

MSCNC 115 (Basic Applied Mathematical Calculations) is a course that will engage students with machine shop specific topics related to calculations and calculator manipulation. Number theory, inch & metric calculations, algebra, ratios & proportions and fractions will all be covered in this course.

21422	LEC	10:20 am - 11:45 am	MW	Chit, T	OH/ F166
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MSCNC 131A-Principles Of Machine Tools IIIA - 2 Units

MSCNC 131A (Principles of Machine Tools IIIA) is a course that will engage students with Machine Shop specific topics including; shop safety, engine lathe, milling machine, vertical milling machine, grinders as well as materials, inspection techniques and machining topics. Theoretical and manipulative exercises will challenge students' understanding of practical subject matter.

21427	LEC	7:00 am - 8:25 am	Th	Shibuya, S T	OH/F 164C
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AND

26232	LAB	7:00 am - 8:25 am	T	Shibuya, S T	OH/ F164
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Class No	Component	Start/End Time	Days	Instructor	Room
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MSCNC 131B-Principles Of Machine Tools (Cnc) IIIB - 3 Units

MSCNC 131B (Principles of Machine Tools (CNC) IIIB) is a course that will engage students with Machine Shop specific topics related to machine tool programming. Both numerical control (NC) and computer numerical control (CNC) machine tools must have 'part programs' written for them to perform their intended function and create parts that are correct in fit, form and function.

21428	LEC	10:10 am - 11:35 am	TTh	Shibuya, S T	OH/F 164C
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MSCNC 132A-Technology And Application Of Machining IIIa - 3 Units

MSCNC 132A (Technology and Application of Machining IIIA) is a course that will engage students with Machine Shop specific topics related to the set-up, operation, and/or programming of grinding machines, milling machines, engine lathes, CNC machining centers, CNC turning centers and EDM machines. Assigned projects will allow students to continue to build their skills on previously encountered machine tools as well as being introduced to new technologies, including unconventional machining techniques.

21429	LAB	7:00 am - 10:10 am	MWF	Shibuya, S T	OH/ F164
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MSCNC 132B-Technology And Application Of Machining (Cam) IIIb - 1 Unit

MSCNC 132B (Technology and Application of Machining (CAM) IIIB) is a course that will engage students with Machine Shop specific topics regarding computer aided manufacturing (CAM) computer programs. Students will create geometry, cutting tools, process information in order for the CAM program to create cutter paths that will create the correct fit, form and function on the part.

21430	LAB	8:35 am - 10:00 am	TTh	Shibuya, S T	OH/F 164C
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MSCNC 135-Advanced Applied Mathematical Calculutions (CSU) - 3 Units

MSCNC 135 (Advanced Applied Mathematical Calculations) is a course that will engage students with Machine Shop specific topics as they relate to trigonometric and compound angular calculations.

21424	LEC	10:20 am - 11:45 am	MW	Shibuya, S T	OH/F 164C
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Management

MGMT 002-Organization And Management Theory (CSU) - 3 Units

Organization And Management Theory

21307	LEC	8:35 am - 10:00 am	TTh	Mcintosh, A U	CH/ K322
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MGMT 013-Small Business Entrepreneurship (CSU) - 3 Units

Small Business Entrepreneurship

26060	LEC	8:35 am - 11:45 am	Sa	STAFF, L	CH/ K210
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21315	LEC	1:35 pm - 4:55 pm	MW	Mcintosh, A U	CH/ K322
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(Starts 08/27/2018, Ends 10/19/2018)

MGMT 033-Personnel Management (CSU) - 3 Units

Personnel Management

21323	LEC	11:45 am - 1:10 pm	TTh	Wilson-Aus, A M	CH/ K210
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Marketing

MARKET 001-Principles Of Selling (CSU) - 3 Units

Principles Of Selling

12710	LEC	11:45 am - 1:15 pm	MW	Wilson-Aus, A M	CH/ K322
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Class No	Component	Start/End Time	Days	Instructor	Room
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MARKET 011-Fundamentals Of Advertising (CSU) - 3 Units

Fundamentals Of Advertising

26061	LEC	11:45 am - 1:10 pm	TTh	Mcintosh, A U	CH/ K322
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MARKET 021-Principles Of Marketing (CSU) - 3 Units

Principles Of Marketing

12926	LEC	1:35 pm - 4:55 pm	MW	Mcintosh, A U	CH/ K322
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MARKET 040-Retail Management (CSU) - 3 Units

This course provides a systematic approach to the principles and procedures of retailing, including a study of store location, store layout, store organization, buying, pricing, stock planning, and the retail communication mix.

26062	LEC	8:35 am - 11:45 am	F	Sonnier, G D	CH/ K210
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Mathematics

MATH 105-Arithmetic (NDA) - 3 Units**Enrollment Requirement:** Limited from taking more than 30 units of remedial coursework.

This course covers the fundamentals of basic arithmetic, including operations with whole numbers, positive fractions and decimals, and percents. Problem-solving techniques are emphasized, with applications selected from topics such as ratio and proportion, geometry, metric and common measurement, or business.

15414	LEC	7:00 am - 8:25 am	TTh	Maheta-Wells, P	AH/T E221
15453	LEC	8:35 am - 10:00 am	TTh	Maheta-Wells, P	AH/T E221
15513	LEC	10:10 am - 11:35 am	TTh	Liu, H	AH/T E412
15570	LEC	10:10 am - 11:35 am	MW	Burgin, M	AH/T E408
15470	LEC	11:45 am - 1:10 pm	TTh	Loop, C	AH/T E308
15424	LEC	1:20 pm - 2:45 pm	MW	Jahani, F	AH/T E306
15434	LEC	1:20 pm - 2:45 pm	TTh	Chen, C K	AH/T E412
15600	LEC	3:00 pm - 4:25 pm	MW	Bedassa, A M	AH/T E410
15638	LEC	3:00 pm - 4:25 pm	TTh	Chen, C K	AH/T E412
15703	LEC	6:00 pm - 7:25 pm	TTh	Sherer, R S	AH/T E410
15783	LEC	7:10 pm - 8:35 pm	MW	Dagher, G N	AH/T E413

MATH 110-Introduction To Algebraic Concepts (NDA) - 5 Units**Enrollment Requirement:** Prerequisite: Placement Exam

This course counts towards the 30 units of remedial coursework limit.

Reviews selected topics in arithmetic relevant to algebra and introduces fundamental notions and applications of algebra, including signed numbers, variables, first-degree equations, proportional reasoning, geometry and percentage problems, and modeling. This course may also include group instruction in mathematics study skills or hands-on laboratory work.

15177	LEC	10:10 am - 11:55 am	MWF	Lopez, A	AH/T E310
15201	LEC	1:20 pm - 3:00 pm	MWF	Ovanessian, A	AH/T E408
27395	LEC	6:00 pm - 8:35 pm	TTh	Dominguez, C C	AH/T E306

Class No	Component	Start/End Time	Days	Instructor	Room
MATH 112-Pre-Algebra (NDA) - 3 Units					
Enrollment Requirement: Prerequisite: MATH 105					
This course counts towards the 30 units of remedial coursework limit.					
The course reviews the fundamentals of arithmetic and covers the beginning algebra skills that are essential for Elementary Algebra. Topics covered include Integers, Simple Algebraic Expressions and Equations, Basic Geometry, Fractions, Decimals, Order of Operations, Ratio, Proportion, and Percent. Basic word problems are emphasized through out the course.					
16348	LEC	7:00 am - 8:25 am	TTh	Kumada, R	AH/T E308
16361	LEC	8:35 am - 10:00 am	MW	Simpson-Rodgers, N	AH/T E408
16366	LEC	10:10 am - 11:35 am	MW	Liu, H	AH/T E412
16376	LEC	10:10 am - 11:35 am	TTh	Dominguez, C C	AH/T E306
16388	LEC	11:45 am - 1:10 pm	MW	Zinenberg, V	AH/T E306
16423	LEC	11:45 am - 1:10 pm	TTh	Chammas, M A	AH/T E306
16466	LEC	5:30 pm - 6:55 pm	MW	Dagher, G N	AH/T E413
16447	LEC	6:00 pm - 7:25 pm	TTh	Le, T D	AH/T E415
16540	LEC	3:10 hrs/wk	TBA	Meftagh, T S	ON LINE
MATH 113-Elementary Algebra A - 3 Units					
Enrollment Requirement: Prerequisite: MATH 112					
The first of a two semester sequence covering MATH 115, Elementary Algebra. Topics include review of signed numbers, variables, the order of operations; operations on polynomials; solve and graph linear equations, solve inequalities; solve systems of equations.					
17067	LEC	7:00 am - 8:25 am	TTh	Webster, K	AH/T E408
17057	LEC	10:10 am - 11:35 am	TTh	Loop, C	AH/T E308
17075	LEC	5:30 pm - 6:55 pm	TTh	Harutyunyan, A	AH/T E310
MATH 114-Elementary Algebra B - 3 Units					
Enrollment Requirement: Prerequisite: MATH 113					
The second of a two semester sequence covering MATH 115, Elementary Algebra. Topics include further operations with polynomials including factoring, simplifying rational and radical expressions, solving rational, radical, and quadratic equations, with application problems.					
17117	LEC	8:35 am - 10:00 am	TTh	Kumada, R	AH/T E308
17112	LEC	10:10 am - 11:35 am	TTh	Webster, K	AH/T E408
17124	LEC	5:30 pm - 6:55 pm	MW	Kim, A Y	AH/T E412
MATH 115-Elementary Algebra - 5 Units					
Enrollment Requirement: Prerequisite: MATH 110 or MATH 112					
Elementary Algebra					
19086	LEC	7:00 am - 8:10 am	MTWTh	Bakman, A A	AH/T E410
19171	LEC	7:00 am - 9:30 am	MTWTh	Kunarak, S	AH/T E413
(Starts 08/27/2018, Ends 10/18/2018)					
19095	LEC	8:35 am - 9:45 am	MTWTh	Liu, H	AH/T E412
19164	LEC	8:35 am - 9:45 am	MTWTh	Avila, L	FAH/T E415
23661	LEC	8:35 am - 9:45 am	MTWTh	Hersi, A F	AH/T E306

Class No	Component	Start/End Time	Days	Instructor	Room
19092	LEC	10:10 am - 11:20 am	MTWTh	Bakman, A A	AH/T E410
19100	LEC	10:10 am - 11:20 am	MTWTh	Simpson-Rodgers, N	AH/T E406
19113	LEC	10:10 am - 12:40 pm (Starts 08/27/2018, Ends 10/21/2018)	MTWTh	Maheta-Wells, P	AH/T E221
19107	LEC	11:45 am - 12:55 pm	MTWTh	Simpson-Rodgers, N	AH/T E412
21959	LEC	1:20 pm - 3:50 pm	MW	Kunarak, S	AH/T E413
19127	LEC	2:00 pm - 4:35 pm	TTh	Vallejo, J	AH/T E408
19119	LEC	3:00 pm - 5:30 pm	MW	Maheta-Wells, P	AH/T E221
19135	LEC	6:00 pm - 8:35 pm	MW	Jauregui, D	AH/T E408
19146	LEC	6:00 pm - 8:35 pm	TTh	Saikaly, M D	AH/T E408
19152	LEC	5:25 hrs/wk	TBA	Meftagh, T S	ON LINE

MATH 121-Elementary Geometry For College Students - 3 Units

Enrollment Requirement: Prerequisite: MATH 115

Covers the definitions, axioms, and theorems of geometry relating to angles, lines, circles, polygons, and polyhedra. It also provides an introduction to formal proofs, logic, and construction methods with straight-edge and compass.

19585	LEC	10:10 am - 11:35 am	MW	Kunarak, S	AH/T E413
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MATH 125-Intermediate Algebra - 5 Units

Enrollment Requirement: Prerequisite: MATH 114 or MATH 115

Intermediate Algebra

20466	LEC	7:00 am - 8:10 am	MTWTh	Ravanbakhsh, H	AH/T E306
20490	LEC	7:00 am - 9:50 am (Starts 10/22/2018, Ends 12/16/2018)	MTWTh	Kunarak, S	AH/T E413
20467	LEC	8:35 am - 9:45 am	MTWTh	Bakman, A A	AH/T E410
20469	LEC	10:10 am - 11:45 am	MWF	Light, E M	AH/T E308
20472	LEC	10:10 am - 12:40 pm	TTh	Solorio, N	AH/T E310
21949	LEC	10:10 am - 12:45 pm (Starts 10/22/2018, Ends 12/16/2018)	MTWTh	Maheta-Wells, P	AH/T E221
20488	LEC	10:10 am - 11:20 am	MTWTh	Avila, L	FAH/T E415
20475	LEC	11:45 am - 12:55 pm	MTWTh	Liu, H	AH/T E406
27518	LEC	11:45 am - 12:55 pm	MTWTh	Webster, K	AH/T E408
24530	LEC	1:00 pm - 3:30 pm	TTh	Gevorgyan, K	AH/T E221
20471	LEC	1:20 pm - 3:50 pm	MW	Lopez, A	AH/T E310
21950	LEC	3:00 pm - 5:30 pm	TTh	Dominguez, C C	AH/T E306
20477	LEC	3:10 pm - 4:20 pm	MTWTh	Simpson-Rodgers, N	AH/T E406
20474	LEC	3:30 pm - 6:00 pm	MW	Dominguez, C C	AH/T E306
20479	LEC	6:00 pm - 8:35 pm	MW	Bayssa, B T	AH/T E310
20480	LEC	6:00 pm - 8:35 pm	TTh	Barrow, O L	AH/T E406
20482	LEC	5:25 hrs/wk	TBA	Meftagh, T S	ON LINE

Class No	Component	Start/End Time	Days	Instructor	Room
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MATH 227-Statistics (UC/CSU) - 4 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 125

An introductory statistics course: topics include graphical techniques; probability and probability distributions; sampling; estimation; correlation; regression; hypotheses testing; categorical data. Emphasis is on data analysis and interpretation, using sample data to extrapolate population characteristics.

20906	LEC	10:10 am - 12:15 pm	TTh	Kunarak, S	AH/T E413
20912	LEC	1:10 pm - 3:15 pm	TTh	Cuellar, M	AH/T E310
22433	LEC	1:10 pm - 2:25 pm	MWF	Jung, D	AH/T E221
20908	LEC	1:20 pm - 3:25 pm	MW	Avila, L	FAH/T E415
20910	LEC	6:00 pm - 8:05 pm	MW	Kim, A Y	AH/T E406
20911	LEC	6:00 pm - 8:05 pm	TTh	Fong, P	AH/T E413

MATH 235-Finite Mathematics (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 125

Finite Mathematics

27394	LEC	11:45 am - 12:55 pm	MTWTh	Avila, L	FAH/T E415
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MATH 240-Trigonometry (CSU) - 3 Units*Requirement Designation: Meets CSU B4***Enrollment Requirement:** Prerequisite: MATH 125 and MATH 121

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

21032	LEC	7:00 am - 8:25 am	MW	Maheta-Wells, P	AH/T E221
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MATH 245-College Algebra (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 125

This college algebra course includes the theory of equations, polynomial and rational functions and their graphs, systems of equations, matrices, determinants, permutations, combinations, sequences and series, the Binomial Theorem, and other topics.

21060	LEC	8:35 am - 10:00 am	TTh	Ghacham, M A	AH/T E310
21059	LEC	1:20 pm - 2:45 pm	MW	Carbonell, E C	AH/T E412

MATH 260-Precalculus (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 240

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.

21092	LEC	12:10 pm - 1:55 pm	MWF	Light, E M	AH/T E308
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Class No	Component	Start/End Time	Days	Instructor	Room
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MATH 265-Calculus With Analytic Geometry I (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 260

This is the first of three course sequence in Calculus. Topics include: continuity and limits; differentiation and integration of algebraic and trigonometric functions; fundamental theorem of the calculus; applications of the derivative to curve sketching, rectilinear motion, maximum/minimum problems, and related rates; applications of the integral to problems of area, volume, arc length, and work.

21157	LEC	8:00 am - 9:40 am	MWF	Webster, K	AH/T E408
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MATH 266-Calculus with Analytic Geometry II (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 265

This is the second course in a three-semester, unified treatment of analytic geometry and calculus. It includes derivatives and integrals of inverse trigonometric, logarithmic, exponential and hyperbolic functions, methods of integration, improper integrals, parametric equations, conic sections, polar coordinates, infinite series, and power series.

21170	LEC	7:00 am - 8:40 am	MWF	Lopez, A	AH/T E310
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MATH 267-Calculus with Analytic Geometry III (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 2A CSU B4***Enrollment Requirement:** Prerequisite: MATH 266

This is the final course in a three-semester, unified treatment of calculus and analytic geometry. It includes quadric surfaces, vector and parametric equations in two and three space, curvature, cylindrical and spherical coordinates, partial differentiation, gradient, maxima and minima for functions of several variables, multiple integration, surface integrals, line integrals, Green's Theorem, Divergence Theorem, and Stoke's Theorem.

21180	LEC	8:00 am - 9:40 am	MWF	STAFF, L	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

Introduction to linear algebra and matrix theory. Topics include: linear systems, matrices and determinants; vector spaces and linear transformations; eigenvectors and eigenvalues; and innerproduct spaces.

27392	LEC	7:00 am - 8:25 am	MW	Avila, L FAH/T E415
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Microbiology

MICRO 001-Introductory Microbiology (UC/CSU) - 5 Units*Requirement Designation: Meets IGETC 5B 5C CSU B2 B3***Enrollment Requirement:** Prerequisite: CHEM 051 OR CHEM 101 and BIO 003 or BIO 005 or BIO 006 or ANATOMY 001

This course examines microbiological principles related to the morphology, metabolism and genetics of bacteria and distinguishing characteristics of viruses, protozoa, fungi, and multicellular parasites, with applications to human disease and immunology. The labs include microscopy, aseptic technique in the handling of bacteria, and isolation, cultivation, staining, identification, and control of bacterial populations.

Class No	Component	Start/End Time	Days	Instructor	Room
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It is intended principally for life science and allied health majors with 6 hours of lab each week.

21336 LEC 11:10 am - 12:35 pm MW Wong, R K CH/ K420

AND

21337 LAB 7:50 am - 11:00 am MW Wong, R K CH/ K408

MICRO 020-General Microbiology (UC/CSU) - 4 Units

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

Enrollment Requirement: Prerequisite: CHEM 051 OR CHEM 101 and BIO 003 or BIO 005 or BIO 006 or ANATOMY 001

This course examines microbiological principles related to the morphology, metabolism and genetics of bacteria and distinguishing characteristics of viruses, protozoa, fungi, and multicellular parasites, with applications to human disease and immunology. The labs include microscopy, aseptic technique in the handling of bacteria, and isolation, cultivation, staining, identification, and control of bacterial populations. It is intended principally for allied health majors with 3 hours of lab each week.

21364 LEC 8:30 am - 9:55 am TTh Pantastico Caldas, M C CH/ K406

AND

21365 LAB 10:05 am - 11:30 am TTh Pantastico Caldas, M C CH/ K408

21362 LEC 2:50 pm - 4:15 pm TTh Aguilar, J CH/ K406

AND

21363 LAB 4:30 pm - 5:55 pm TTh Aguilar, J CH/ K408

26615 LEC 6:00 pm - 7:25 pm MW Wong, R K CH/ K406

AND

26616 LAB 7:35 pm - 9:00 pm MW Wong, R K CH/ K408

Microcomputer Technician

MICROTK 077-Cisco Networking Academy - Semester I - 3 Units

The first in a four course sequence. that qualifies the student to take the CISCO CCNA Certification Test; and covers Fundamentals of Computer Internet-working, Safety Technology, Protocols, Network Theory and Standards, Cabling, Electrical Considerations, OSI Models, IP Addressing and basic networking Hardware.

27734 LEC 6:00 pm - 8:05 pm T Baik, S J CH/ K302

AND

27735 LAB 6:00 pm - 9:10 pm Th Baik, S J CH/ K302

MICROTK 078-Cisco Networking Academy-Semester II - 3 Units

This is the second course in a four course sequence that qualifies the student to take the CISCO CCNA Certification Test; and covers router fundamentals, beginning router setup and configuration, routed and routing protocols, WAN fundamentals, network troubleshooting and network management.

21407 LEC 7:00 am - 9:05 am T Zhang, M CH/ K302

AND

21408 LAB 9:15 am - 12:25 pm T Zhang, M CH/ K302

MICROTK 160-It Essentials Application Software Fundamentals (CSU) - 2 Units

Instruction and demonstrations are provided on the application, set-up, configuration and operation of a wide ranger of computer programs.

21409 LEC 7:00 am - 8:04 am W Lampano, R S CH/ K301

AND

21410 LAB 8:14 am - 11:24 am W Lampano, R S CH/ K301

Class No	Component	Start/End Time	Days	Instructor	Room
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MICROTK 162-It Essentials Networking Personal Computers - 4 Units

The course will assist students in designing, selecting, configuring and installing local area networks. System administration and troubleshooting is also covered in detail.

21411	LEC	7:00 am - 9:05 am	T	Lampano, R S	CH/ K301
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AND

21412	LAB	7:00 am - 9:50 am	Th	Lampano, R S	CH/ K302
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And	LAB	9:15 am - 12:45 pm	T	Lampano, R S	CH/ K301
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MICROTK 164-It Essentials Microcomputer Theory And Servicing - 5 Units

The course provides servicing techniques for microcomputers and their related peripherals. Hands-on instruction is provided in diagnosing a range of microcomputers malfunctions.

21413	LEC	7:00 am - 10:10 am	M	Zhang, M	CH/ K301
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AND

21414	LAB	10:00 am - 1:10 pm	Th	Zhang, M	CH/ K302
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And	LAB	10:20 am - 1:30 pm	M	Zhang, M	CH/ K301
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MICROTK 166-Ccna Security - 3 Units

This course provides knowledge and skills to administer network devices and applications in a security infrastructure, recognize network vulnerabilities, and detect security threat. This course offers an overview of security challenges and solutions, and installing, monitoring, and troubleshooting Cisco security solutions to secure a network.

21415	LEC	7:00 am - 9:05 am	Sa	Baik, S J	CH/ K302
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AND

21416	LAB	9:15 am - 12:25 pm	Sa	Baik, S J	CH/ K302
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Motorcycle Repair Mechanic

MCYCMEK 214-Motorcycle Electrical Principles And Repair (CSU) - 4 Units

Course offers instruction in the area of motorcycle electrical systems.

21282	LEC	7:30 am - 10:40 am	Sa	Mostafa, O	OH/ F124
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AND

21283	LAB	10:50 am - 2:00 pm	Sa	Mostafa, O	OH/ F124
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MCYCMEK 216-Motorcycle Engine Overhaul And Diagnosis (CSU) - 4 Units

Instruction is offered in the areas of motorcycle engine overhaul. Upon completion the student will learn the principles of motorcycle engine overhaul, learn the related sciences such as physics and mathematics applied to the topic, and will be able to disassemble, inspect, diagnose and reassemble motorcycle engines.

21284	LEC	6:00 pm - 7:25 pm	TTh	Mostafa, O	OH/ F124
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AND

21285	LAB	7:35 pm - 9:00 pm	TTh	Mostafa, O	OH/ F124
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Music

MUSIC 101-Fundamentals Of Music (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 3A CSU C1

Fundamentals Of Music

10995	LEC	7:00 am - 8:25 am	MW	Ray, E J	AH/T E201
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11015	LEC	8:35 am - 10:00 am	MW	Ray, E J	AH/T E201
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10985	LEC	11:45 am - 1:10 pm	TTh	Carter, T M	AH/T E201
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Class No	Component	Start/End Time	Days	Instructor	Room
11073	LEC	11:45 am - 1:10 pm	MW	Laronga, B	AH/T E201
11046	LEC	1:20 pm - 2:45 pm	TTh	Carter, T M	AH/T E201
27370	LEC	3:00 pm - 4:25 pm	MW	Wachs, M B	AH/T E201

Nursing, Registered

REGNRSG 121-Fundamentals Of Nursing (CSU) - 3 Units

Enrollment Requirement: Prerequisite: REGNRSG 119 and REGNRSG 125

This course introduces the basic knowledge and bedside skills needed by the registered nurse. Quality and Safety (QSEN) competencies, Maslow's Hierarchy of Needs and nursing process for the theoretical framework. Concurrent with the theory, the nursing student will have basic client care experience in the skills lab and hospital setting.

12425 LEC 7:00 am - 9:05 am Th Forsha, C MH 207

Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

12439 LAB 6:00 am - 6:45 pm W Kibe, V H OSP

Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

12452 LEC 8:00 am - 10:05 am Th Forsha, C MH 207

Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

12469 LAB 6:00 am - 8:45 pm M Campos, M H OSP

Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

12489 LEC 8:00 am - 10:05 am Th Forsha, C MH 207

(Starts 08/27/2018, Ends 10/21/2018)

AND

12504 LAB 6:00 am - 8:45 pm M Barcroft, T M H OSP

(Starts 08/27/2018, Ends 10/21/2018)

12525 LEC 8:00 am - 10:05 am Th Forsha, C MH 207

(Starts 08/27/2018, Ends 10/21/2018)

AND

12555 LAB 6:00 am - 6:45 pm T Dudley, M A H OSP

(Starts 08/27/2018, Ends 10/21/2018)

REGNRSG 122-Introduction To Medical Surgical Nursing (CSU) - 3 Units

Enrollment Requirement: Prerequisite: REGNRSG 121 and Placement Exam (Dosage Calculation Exam)

This course is designed to introduce the student to basic principles of medical surgical nursing using Maslow's Hierarchy of Needs, Nursing Process and emphasizing Quality and Safety (QSEN) competencies as a conceptual framework.

12566 LEC 8:00 am - 10:25 am Th Forsha, C MH 207

Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

AND

12576 LAB 6:00 am - 6:45 pm T Villora, R C H OSP

Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
12590	LEC	8:00 am - 10:25 am	Th	Forsha, C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
12609	LAB	6:00 am - 8:45 pm	M	Campos, M	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
12630	LEC	8:00 am - 10:25 am	Th	Forsha, C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
12653	LAB	6:00 am - 8:45 pm	M	Barcroft, T M	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
12671	LEC	8:00 am - 10:25 am	Th	Forsha, C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
12695	LAB	6:00 am - 8:00 pm	W	Kibe, V	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

REGNRSG 123-Nursing Process And Communication (CSU) - 2 Units

Enrollment Requirement: Prerequisite: REGNRSG 119 and REGNRSG 125

This course offers the study and practice of the proper methods and procedures used in installing plumbing fixtures and accessories. Installing, fabricating and testing fixtures applicable to residential and commercial plumbing are covered.

12706	LEC	12:00 pm - 2:05 pm	Th	Forsha, C	MH 207
Department Consent Required					

REGNRSG 126-Medical-Surgical Nursing I (CSU) - 5 Units

Enrollment Requirement: Prerequisite: REGNRSG 122 and REGNRSG 124 and REGNRSG 125 and REGNRSG 134

This basic course focuses on the nursing care of the adult client with moderate stress posed by common endocrine, gastrointestinal, cardiac and respiratory disorders. The student will function as a member of the health care team and beginning leadership skills will be presented. Emphasis will be placed on classroom and clinical application of critical thinking and therapeutic nursing interventions in acute, chronic and community health care settings.

12714	LEC	8:00 am - 11:15 am	ThF	Johnson, P	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

12721	LAB	6:00 am - 8:45 pm	M	Johnson, P	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

12740	LEC	8:00 am - 11:15 am	ThF	Johnson, P	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

12751	LAB	6:00 am - 6:50 pm	T	Johnson, P	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

Class No	Component	Start/End Time	Days	Instructor	Room
12769	LEC	8:00 am - 11:30 am	ThF	Johnson, P	MH 203
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
12785	LAB	6:00 am - 6:50 pm	T	Johnson, P	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
12810	LEC	8:00 am - 11:30 am	ThF	Johnson, P	MH 203
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
12832	LAB	6:00 am - 8:45 pm	M	Agum, B T	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

REGNRSG 127-Medical-Surgical Nursing II (CSU) - 5 Units

Enrollment Requirement: Prerequisite: REGNRSG 126 and REGNRSG 129 and REGNRSG 130 and REGNRSG 134

This intermediate level medical/surgical nursing course focuses on nursing care of adult clients with high acuity problems within hospital and community settings. Students will use nursing process and Maslow's Hierarchy of needs to plan and implement nursing care. The course builds on the theory and skills presented in RN 126. Leadership role will be expanded.

12842	LEC	7:00 am - 10:25 am	MW	Wilson, M	MH 161
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

12849	LAB	6:00 am - 6:50 pm	Th	Mesesan, L B	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

12861	LEC	7:00 am - 10:25 am	MW	Wilson, M	MH 161
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

AND

12877	LAB	6:00 am - 8:35 pm	F	Lee, J	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

12900	LEC	7:00 am - 10:25 am	MW	Wilson, M	MH 161
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

AND

12920	LAB	6:00 am - 8:35 pm	Th	Mesesan, L B	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

12944	LEC	7:00 am - 10:25 am	MW	Wilson, M	MH 161
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

12969	LAB	6:00 am - 6:50 pm	F	Lee, J	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

Class No	Component	Start/End Time	Days	Instructor	Room
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REGNRSG 128-Medical-Surgical Nursing III (CSU) - 3 Units

Enrollment Requirement: Prerequisite: REGNRSG 127 and REGNRSG 131 and REGNRSG 134

This course focuses on the nursing care of medical-surgical clients in a variety of setting. Emphasis will be on classroom and clinical application of critical thinking and caring interventions in chronic, acute, critical care and community health care settings.

12977 LEC 9:00 am - 12:15 pm W Ashby, C M MH 207
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

12981 LAB 7:00 am - 5:15 pm T Ashby, C M H OSP
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

12995 LEC 9:00 am - 12:15 pm W Ashby, C M MH 207
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13005 LAB 7:00 am - 6:30 pm M Agum, B T H OSP
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

13021 LEC 9:00 am - 12:15 pm W Ashby, C M MH 207
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13044 LAB 7:00 am - 5:20 pm F Ashby, C M H OSP
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

23509 LEC 9:00 am - 12:15 pm W Ashby, C M MH 207
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

23644 LAB 7:00 am - 6:30 pm M Wilson, M H OSP
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

REGNRSG 129-Gerontology & Community Based Nursing (CSU) - 2 Units

Enrollment Requirement: Prerequisite: REGNRSG 122; REGNRSG 123; REGNRSG 125; REGNRSG 134

This course focuses on nursing care of the older adult client with common health and illness needs.

Emphasis will be on classroom and clinical application of critical thinking and caring therapeutic nursing interventions in acute, chronic and community health care settings for the older adult population.

13077 LEC 2:00 pm - 4:20 pm M Forsha, C MH 203
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13091 LAB 7:00 am - 1:30 pm F Dudley, M A H OSP
Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

13158 LEC 2:00 pm - 4:05 pm T Forsha, C MH 203
Department Consent Required

AND

13178 LAB 7:00 am - 2:30 pm F Dudley, M A H OSP
Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
13055	LEC	2:00 pm - 4:20 pm	M	Forsha, C	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
AND					
13064	LAB	5:00 pm - 11:50 pm	F	Speach, T S	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
13111	LEC	2:00 pm - 4:05 pm	T	Forsha, C	MH 203
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
13131	LAB	4:15 pm - 11:40 pm	F	Speach, T S	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

REGNRSG 130-Psychiatric-Mental Health Nursing (CSU) - 3 Units

Enrollment Requirement: Prerequisite: REGNRSG 122 and REGNRSG 124 and REGNRSG 125 and REGNRSG 134

This course focuses on nursing care of clients with common psychiatric mental health needs/disorders across the lifespan. Students will apply the nursing process, critical thinking, psychosocial theory and Maslow's Hierarchy of Needs to care of clients in acute, chronic and community- based psychiatric-mental health settings.

13188	LEC	9:00 am - 12:15 pm	W	Brown, S J	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

13198	LAB	6:00 am - 12:45 pm	T	Brown, S J	H OSP
And	LAB	3:25 hrs/wk	TBA	Brown, S J	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

13233	LEC	9:00 am - 12:15 pm	W	Brown, S J	MH 203
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

AND

13250	LAB	6:00 am - 12:45 pm	T	Brown, S J	H OSP
And	LAB	3:25 hrs/wk	TBA	Brown, S J	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

13207	LEC	9:00 am - 12:15 pm	W	Brown, S J	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

AND

13218	LAB	7:00 am - 5:15 pm	Th	Brown, S J	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					

13273	LEC	9:00 am - 12:15 pm	W	Brown, S J	MH 203
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

AND

13295	LAB	7:00 am - 6:05 pm	Th	Brown, S J	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

Class No	Component	Start/End Time	Days	Instructor	Room
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REGNRSG 131-Reproductive Nursing And Womens Health (CSU) - 3.5 Units

Enrollment Requirement: Prerequisite: REGNRSG 126 and REGNRSG 129 and REGNRSG 130 and REGNRSG 134

This course focuses on the nurse as a provider of care, manager of care and a member of the profession in a variety of maternal/newborn and women's health settings.

13303	LEC	7:00 am - 11:15 am	T	Chandler, C C	MH 203
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Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

AND

13311	LAB	7:00 am - 6:05 pm	Th	Chandler, C C	H OSP
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Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

13325	LEC	7:00 am - 11:25 am	T	Chandler, C C	MH 203
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13334	LAB	7:00 am - 6:05 pm	M	Chandler, C C	H OSP
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

13347	LEC	7:00 am - 11:15 am	T	Chandler, C C	MH 203
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13364	LAB	7:00 am - 5:15 pm	Th	Chandler, C C	H OSP
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

13387	LEC	7:00 am - 11:15 am	T	Chandler, C C	MH 203
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Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

AND

13410	LAB	7:00 am - 6:05 pm	M	Chandler, C C	H OSP
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Department Consent Required
(Starts 10/22/2018, Ends 12/16/2018)

REGNRSG 132-Care Of Children And Family (CSU) - 3.5 Units

Enrollment Requirement: Prerequisite: REGNRSG 127 and REGNRSG 131 and REGNRSG 134

This course focuses on the nurse as a provider of care, manager of care and member of the profession in a variety of settings involving children and families. Course content includes physiological, psychological, developmental and socio-cultural needs of children and families. Course content in Pediatric Nursing will be presented within the framework of the wellness/illness continuum of the client and family from birth through adolescence.

13419	LEC	8:00 am - 12:10 pm	Th	Villora, R C	MH 161
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

AND

13428	LAB	7:00 am - 6:05 pm	M	Villora, R C	H OSP
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Department Consent Required
(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
23646	LEC	8:00 am - 12:10 pm	Th	Villora, R C	MH 161
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
AND					
23647	LAB	7:00 am - 5:15 pm	F	Villora, R C	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
13460	LEC	8:00 am - 12:10 pm	Th	Villora, R C	MH 203
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
AND					
13483	LAB	7:00 am - 5:15 pm	T	Villora, R C	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
23510	LEC	8:00 am - 12:10 pm	Th	Villora, R C	MH 161
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
AND					
23511	LAB	12:35 pm - 11:55 pm	M	Thomas, B	H OSP
Department Consent Required (Starts 08/27/2018, Ends 10/21/2018)					
REGNRSG 133-Nursing Leadership & Management (CSU) - 3 Units					
Enrollment Requirement: Prerequisite: REGNRSG 128 and REGNRSG 132 and REGNRSG 134					
This course focuses on the transitioning role of the graduating Associate Degree nurse as a provider of care, manager of care and member of the profession. Concepts and issues to be examined include effective leadership styles, advanced therapeutic communication, delegation, conflict resolution, time management, nursing ethics and professional issues. Clinical experience is in the form of a preceptorship.					
13493	LEC	8:00 am - 9:05 am	F	Chandler, C C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
13498	LAB	16:25 hrs/wk	TBA	Ashby, C M	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
13514	LEC	8:00 am - 9:05 am	F	Chandler, C C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
13522	LAB	16:25 hrs/wk	TBA	Ashby, C M	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
13539	LEC	8:00 am - 9:05 am	F	Chandler, C C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
AND					
13559	LAB	16:25 hrs/wk	TBA	Forsha, C	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

Class No	Component	Start/End Time	Days	Instructor	Room
23513	LEC	8:00 am - 9:05 am	F	Chandler, C C	MH 207
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					
23648	LAB	16:25 hrs/wk	TBA	Forsha, C	H OSP
Department Consent Required (Starts 10/22/2018, Ends 12/16/2018)					

REGNRSG 134-Nursing Simulation Lab (CSU) - 1 Unit

This course is designed to allow students to practice nursing skills in a structured setting. It will make use of patient care scenarios in which evidence based practice will be emphasized. It must be taken in semesters 1, 2 and 3. It is optional in semester 4. The class will be individualized to meet students needs.

13567	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 160
Department Consent Required					

13576	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 160
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13592	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 160
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13614	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 160
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REGNRSG 136-Nursing Simulation Lab Intermediate - 1 Unit

This course is designed to allow students to practice intermediate nursing skills in a structured setting. It will make use of complex patient care scenarios in which evidence based practice will be emphasized. It must be taken in semester 2. The class will be individualized to meet students needs.

13628	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 164
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13640	LAB	3:15 hrs/wk	TBA	Kendrick, M D	MH 164
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REGNRSG 137-Nursing Simulation Lab Advanced - 1 Unit

This course is designed to allow students to practice advanced nursing skills in a structured setting. It will make use of patient care scenarios in which evidence based practice will be emphasized. It must be taken in semester 3. The class will be individualized to meet students needs but will focus on administration of care to patient's with complex nursing problems.

13647	LAB	3:15 hrs/wk	TBA	Barcroft, T M	MH 164
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13661	LAB	3:15 hrs/wk	TBA	Barcroft, T M	MH 164
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Paralegal

PALEGAL 003-Civil Rights And The Law (CSU) - 3 Units

This course will analyze United States Supreme Court decisions as they relate to civil rights in the context of their historical periods. Its ultimate purpose is to give the student an understanding of how the United States Supreme Court has had to respond to social movements within the United States, including but not limited to movements related to racial equality, gender equality, religious expression, and sexual orientation, and how its interpretations of associated laws have impacted those movements as to their objectives, carriage, and reach.

26066	LEC	10:10 am - 11:35 am	TTh	Gary, K LCH/ K324	
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PALEGAL 010-Introduction To Law And Legal Profession (CSU) - 3 Units

Introduction To Law And Legal Profession

14437	LEC	8:35 am - 10:00 am	MW	Gary, K LCH/ K324	
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Class No	Component	Start/End Time	Days	Instructor	Room
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PALEGAL 014-Law Office Management And Procedures - 3 Units

Law Office Management And Procedures

26065	LEC	8:35 am - 10:00 am	TTh	Gary, K LCH/ K324	
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PALEGAL 017-Legal Writing - 3 Units

Legal Writing

26067	LEC	10:10 am - 11:35 am	MW	Gary, K LCH/ K324	
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Philosophy

PHILOS 001-Introduction To Philosophy (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 3B CSU C2*

Introduction To Philosophy

16627	LEC	8:35 am - 10:00 am	MW	Sargent, M E	AH/T E111
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16640	LEC	8:35 am - 10:00 am	TTh	Shirikjian, V G	AH/T E111
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16620	LEC	10:10 am - 11:35 am	TTh	Shirikjian, V G	AH/T E111
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16632	LEC	10:10 am - 11:35 am	MW	Sargent, M E	AH/T E111
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21915	LEC	11:45 am - 1:10 pm	MW	Sargent, M E	AH/T E111
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16648	LEC	6:00 pm - 9:10 pm	Th	Egan, R JAH/T E111	
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PHILOS 008-Deductive Logic (UC/CSU) - 3 Units*Requirement Designation: Meets CSU A3*

Deductive Logic

17292	LEC	11:45 am - 1:10 pm	TTh	Shirikjian, V G	AH/T E111
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17295	LEC	6:00 pm - 9:10 pm	T	Egan, R JAH/T E111	
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Physics

PHYSICS 003-Electricity And Magnetism (UC/CSU) - 4 Units*Requirement Designation: Meets IGETC 5A 5C CSU B1 B3***Enrollment Requirement:** Prerequisite: PHYSICS 1 and MATH 266

Electricity And Magnetism

14065	LEC	1:00 pm - 4:10 pm	F	Moreno, M A	MH 309
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AND

14071	LAB	1:00 pm - 4:10 pm	W	Moreno, M A	CH/ K422
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PHYSICS 006-General Physics I (UC/CSU) - 4 Units*Requirement Designation: Meets IGETC 5A 5C CSU B1 B3***Enrollment Requirement:** Prerequisite: MATH 240

General Physics I

14167	LEC	6:30 pm - 9:40 pm	W	STAFF, L	CH/ K422
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AND

14175	LAB	1:00 pm - 4:10 pm	F	De, R	CH/ K420
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Class No	Component	Start/End Time	Days	Instructor	Room
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PHYSICS 011-Introductory Physics (UC/CSU) - 4 Units

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

Enrollment Requirement: Corequisite: CHEM T 111 OR CHEM T 113 OR MATH 114 OR MATH 115

Introductory Physics

14657	LEC	7:00 am - 10:10 am	T	Vazquez, C B	CH/ K422
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AND

14665	LAB	7:00 am - 10:10 am	Th	Whiting, R F	CH/ K424
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14694	LEC	8:00 am - 11:10 am	F	Wilson, J B	CH/ K406
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AND

14707	LAB	11:20 am - 2:30 pm	F	Shields, V	CH/ K422
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14773	LEC	8:00 am - 11:10 am	Sa	De, R	CH/ K422
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AND

14789	LAB	12:00 pm - 3:10 pm	Sa	De, R	CH/ K422
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14730	LEC	6:30 pm - 9:40 pm	T	Shields, V	CH/ K422
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AND

14750	LAB	6:30 pm - 9:40 pm	Th	Shirvanian, R	CH/ K422
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PHYSICS 012-Physics Fundamentals (UC/CSU) - 3 Units

Requirement Designation: Meets IGETC 5A CSU B1

Enrollment Requirement: Corequisite: CHEM T 111 or MATH 113 or MATH 115

Physics Fundamentals

14813	LEC	7:00 am - 10:10 am	T	Vazquez, C B	CH/ K422
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14803	LEC	8:00 am - 11:10 am	F	Wilson, J B	CH/ K406
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14828	LEC	6:30 pm - 9:40 pm	T	Shields, V	CH/ K422
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PHYSICS 101-Physics For Engineers And Scientists I (UC/CSU) - 5 Units

Physics For Engineers And Scientists I

27451	LEC	3:00 pm - 6:10 pm	M	Shields, V	CH/ K422
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AND

27452	LAB	3:00 pm - 6:15 pm	WF	Klee, V	CH/ K422
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And	LAB	3:00 pm - 6:15 pm	F	Klee, V	CH/ K420
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Physiology

PHYSIOL 001-Introduction To Human Physiology (UC/CSU) - 4 Units

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

Enrollment Requirement: Prerequisite: ANATOMY 001 and CHEM 051 or CHEM 065 or CHEM 101

This course examines the function of cells, tissues, and organs of these human systems: integumentary, skeletal, muscular, nervous, circulatory, respiratory, digestive, urinary, endocrine, lymphatic/immune, and reproductive. Laboratory activities explore major physiological principles.

15920	LEC	8:00 am - 9:25 am	TTh	Gee, A	MH 305
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AND

15925	LAB	9:35 am - 12:50 pm	T	Gee, A	CH/ K468
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15933	LEC	12:30 pm - 3:45 pm	M	Gee, A	MH 305
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AND

15937	LAB	12:30 pm - 3:45 pm	W	Gee, A	CH/ K468
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Class No	Component	Start/End Time	Days	Instructor	Room
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Plumbing

PLUMBNG 026-Plumbing Layout And Estimating I - 3 Units

This course covers fundamentals of blueprint reading for residential plumbing with an introduction to piping layout and design and basic estimating procedures. An overview of piping and fitting nomenclature, measurements, and related calculations, as well as techniques in sketching, along with orthographic, and isometric drawing creation are included.

10219	LEC	6:00 pm - 9:10 pm	M	Galvan, W M	SQ/B 200B
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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.

10235	LEC	6:00 pm - 9:10 pm	T	Jones, L	SQ/ B222
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PLUMBNG 029-Plumbing Code II - 3 Units

Instruction is given in the uniform plumbing code that involves the current regulations of water and gas systems, fixture installation, water heaters, joints and connections, introduction to appendix 'A' and reference standards.

10249	LEC	6:00 pm - 9:10 pm	Th	Jones, L	SQ/ B222
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PLUMBNG 031-Backflow Prevention Devices - 3 Units

This course is designed to prepare student for Backflow Prevention Assembly Tester Certification. Instruction is given in fundamentals of cross-connection control including State, County, Health Department, and Municipal codes. Water Purveyor rules and regulations are reviewed in this course. Emphasis is given to laboratory work in installing, operating, testing, troubleshooting, and maintaining Pressure, Spill Resistant Pressure, and Two Check Type Pressure, Vacuum Breakers as well as Double Check Valve, Double Check Valve-Detector, Reduced Pressure Principle, and Reduced Pressure Principle-Detector Backflow prevention Assemblies.

27416	LAB	6:00 pm - 9:10 pm	TTh	STAFF, L	SQ/B 200B
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PLUMBNG 111-Introduction To Plumbing - 3 Units

This course surveys the history of the Plumbing Industry; Highlights occupational information, Evokes job ethics and instructs on career information; The course also covers occupational health and safety hazards, provides an overview of Plumbing systems, and introduces the tools of the trade.

10327	LAB	7:00 am - 10:35 am	TTh	Galvan, W M	SQ/ B252
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PLUMBNG 112-Fundamentals Of Plumbing - 3 Units

This course studies fundamentals of plumbing calculations and elementary drawings for beginners. Topics include pipe sizes and calculations, flow in pipe, friction design application, Instruction is given in the principles and design of water supply, fuel gas distribution, and D.W.V. (Drain, Waste and Vent).

10365	LEC	7:40 am - 9:05 am	TTh	Galvan, W M	SQ/ B352
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10343	LEC	6:00 pm - 9:10 pm	M	Slade, T W	SQ/ B250
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Class No	Component	Start/End Time	Days	Instructor	Room
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PLUMBNG 113-Basic Plumbing Principles And Practices - 6 Units

This course introduces the fundamentals of plumbing principals and practices. Topics include installation basics, repair techniques, and nomenclature of pipes, fittings, and fixtures. Instruction is given on elementary drawings, plan reading, general specifications, and trade calculations as related to construction documents.

10380	LEC	7:00 am - 8:15 am	MWF	Galvan, W M	SQ/ B352
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AND

10391	LAB	8:25 am - 10:45 am	MWF	Galvan, W M	SQ/ B252
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PLUMBNG 121-Working Drawings And Layout I - 3 Units

This course offers instruction in basic blueprints, estimating and drafting related to the plumbing industry; proper methods and procedures of plan interpretation and application. This course also offers exposure to the plumbing code, manufacturer's data sheets, and plumbing specifications.

10402	LEC	7:00 am - 8:25 am	MW	Jones, L	SQ/ B222
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PLUMBNG 122-Plumbing Mathematics And Procedures II - 3 Units

This course offers instructions in measuring, material purchases and return procedures, capacity loading, pressure calculations and gas conversions related to the plumbing industry, with emphasis on formulas calculations peculiar to the industry.

10422	LEC	7:00 am - 8:25 am	TTh	Jones, L	SQ/ B222
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PLUMBNG 123-Plumbing Practices And Installation - 6 Units

This course offers the study and practice of the proper methods and procedures used in installing plumbing fixtures and accessories. Installing, fabricating and testing fixtures applicable to residential and commercial plumbing are covered.

10448	LAB	8:35 am - 1:55 pm	MWF	Jones, L	SQ/ B222
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PLUMBNG 131-Working Drawing II - 3 Units

This course is a study of blueprints, plans, and drawings as related to the plumbing trade. Skills, including the interpretation of applicable code and standards. Basic principles of estimating, including materials and their quantities are reviewed.

10458	LEC	7:00 am - 8:25 am	TTh	Slade, T W	SQ/B 200B
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PLUMBNG 132-Plumbing Mathematics And Procedures II - 3 Units

Instruction is given in layout procedures involving applied calculations concerning the plumbing trades. Instruction is also given in layout and design criteria with hands on laboratory procedures.

10487	LAB	8:25 am - 12:00 pm	TTh	Slade, T W	SQ/ B200
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PLUMBNG 133-Installation And Plumbing Fixtures - 6 Units

This course covers fabrication, erection of piping, layout methods, process piping, blueprint installations and testing of plumbing fixtures and appliances.

10505	LEC	7:00 am - 8:05 am	MWF	Slade, T W	SQ/B 200B
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AND

10513	LAB	8:15 am - 10:45 am	MWF	Slade, T W	SQ/ B200
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PLUMBNG 141-Advance Layout And Procedures - 3 Units

This course covers proper methods of layout and installation procedures, fabrication, and erection of piping in commercial buildings in compliance with local and national codes.

10525	LEC	7:00 am - 8:25 am	MW	Dean, C R	SQ/B 200B
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Class No	Component	Start/End Time	Days	Instructor	Room
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PLUMBNG 142-Servicing Of Plumbing Fixtures And Appliances - 3 Units

This course covers proper methods of repairing plumbing fixtures and appliances, preparing for the repair job, and estimating the job.

10556	LAB	8:35 am - 11:45 am	MW	Dean, C R	SQ/B 200B
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PLUMBNG 143-Plumbing Code I - 3 Units

This course covers building codes as they relate to plumbing, with emphasis on the effective use of applicable codes and hands-on laboratory projects.

10583	LAB	7:00 am - 10:10 am	TTh	Whitaker, J K	SQ/ B200
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PLUMBNG 144-Special Purposes Installation - 3 Units

This course covers fabrication and erection of piping for the proper installation of special appliances and fixtures and special methods used in the construction of these fixtures, as well as testing procedures.

10607	LAB	7:00 am - 11:50 am	F	Whitaker, J K	SQ/ B200
And	LAB	11:00 am - 11:45 am	TTh	Whitaker, J K	SQ/ B200

PLUMBNG 941-Cooperative Education - Plumbing (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.

21653	LEC	4:15 hrs/wk	TBA	Blumenfeld, S	TBA 1
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Please send your best email address to Blumens@lattc.edu once you enroll in this Co-Op Ed class.

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

17290	LEC	8:35 am - 10:00 am	MW	Vaden, B D	AH/T E312
17302	LEC	8:35 am - 10:00 am	TTh	Vaden, B D	AH/T E312
17336	LEC	9:00 am - 12:10 pm	Sa	Wang, P Y	AH/T E315
17291	LEC	10:10 am - 11:35 am	MW	Vaden, B D	AH/T E312
17312	LEC	10:10 am - 11:35 am	TTh	Vaden, B D	AH/T E312
17296	LEC	11:45 am - 1:10 pm	MW	Vaden, B D	AH/T E312
17320	LEC	1:35 pm - 3:00 pm	TTh	Penn, G J	AH/T E323
17350	LEC	6:00 pm - 9:10 pm	T	Sanchez, S	AH/T E301
17365	LEC	6:00 pm - 9:10 pm	Th	Tabakian, J P	AH/T E301

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

Requirement Designation: Meets IGETC 4H CSU D8

Modern World Governments

18358	LEC	1:20 pm - 2:45 pm	TTh	Tabakian, J P	AH/T E315
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Class No	Component	Start/End Time	Days	Instructor	Room
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Power Line Mechanic Trainee

ELECL 601A-Power Line Mechanic - Trainee (600 Hours) Part A - 6 Units

Enrollment Requirement: Prerequisite: ECONMT 001 or ECONMT 173 or ECONMT 119

Note: Department clearance required for enrollment. Please see a counselor for more details.

The goal of this course is to produce qualified candidates for various Power Line Mechanic training programs. Development of basic pre-apprentice skills needed to be successful will be emphasized. These skills include: overall safety considerations, power pole and tower climbing skills, knowledge of the basic tools and materials involved with the electrical line crafts, general construction standards, basic rigging principles, and basic electrical theory that is specific to this trade. A power pole-climbing certificate of competencies is granted to students who successfully complete this course. This course meets or exceeds the equivalent industry recognized 600 hour programs. Special Note: Students during the course of instruction will be required to lift up to 60 lbs with repetition and will be required to climb and perform installation and maintenance operations at the top of 30 foot power poles. Physical or psychological impairments that might limit your abilities to succeed should be considered. Part A is the lecture module of the standard 601 class, allows for offering the program over an extended period.

26047	LEC	7:00 am - 2:20 pm	MTWThF	Elarton-Selig, W D	POLE YARD
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ELECL 601A is used only to maintain priority registration while the pre reqs and the physical testing is completed. Students that are on the 601A wait list and meet all the conditions of enrollment will be enrolled into the final ELECL 601 in the order of the wait list up until the class limit is reached. You will not be enrolled into the final course until the beginning of the semester.

Process Plant Technology

PRPLTEK 100-Introduction To Industrial Process (CSU) - 3 Units

The purpose of this course is to provide an overview or introduction into the field of Process Operations within the Chemical Process Industries, such as the oil refinery and wastewater industries. Students will be introduced to the roles and responsibilities of Process Technicians, the environment in which they work, and the equipment and systems in which they operate.

18533	LEC	6:00 pm - 9:10 pm	W	Sutton, C	CH/ K424
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PRPLTEK 103-Process Plant Equipment (CSU) - 3 Units

This course introduces the student to the generic equipment used in the process plant industry. Students will learn the fundamental principles of operation, construction, and application of piping, pipe fitting, steam traps, valves, pumps compressors, steam turbines, electric motors, furnaces, heat exchangers, cooling towers, storage tanks, distillation towers reactors and process instrumentation.

18539	LEC	4:45 pm - 6:50 pm	Th	Shields, V	CH/ K424
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AND

18543	LAB	6:50 pm - 10:00 pm	Th	Shields, V	CH/ K424
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PRPLTEK 206-Ptec-Advanced Instrumentation II - 3 Units

This course provides students with exposure to advanced process operation variables and a variety of instruments used to sense, measure, transmit, and control plant operations within the chemical manufacturing, biopharma/manufacturing, oil refinery, wastewater treatment and other chemical industries.

18554	LEC	6:00 pm - 9:10 pm	M	Shields, V	CH/ K424
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Class No	Component	Start/End Time	Days	Instructor	Room
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PRPLTEK 210-Applied Instrumentation Analysis - I - 4 Units

This class offers students hands-on experience with the analytical instruments used in typical laboratories such as gas chromatography and chemical titrating equipment. Students will learn to apply various methods of sampling and analyzing to determine the composition of typical liquids, solids, and gases used by the chemical industry.

18560	LEC	4:45 pm - 7:55 pm	W	Acero, G	CH/ K420
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AND

18563	LAB	8:05 pm - 10:10 pm	W	STAFF, L	CH/ K420
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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

General Psychology I

19494	LEC	7:00 am - 8:25 am	MW	Bentley, M J	AH/T E213
19498	LEC	8:35 am - 10:00 am	MW	Bentley, M J	AH/T E213
19506	LEC	8:35 am - 10:00 am	TTh	Bentley, M J	AH/T E213
19502	LEC	10:10 am - 11:35 am	MW	Koritzke, L S	AH/T E406
19508	LEC	10:10 am - 11:35 am	TTh	Bevacqua, A E	AH/T E212
19515	LEC	11:45 am - 1:10 pm	TTh	Bentley, M J	AH/T E213
19525	LEC	6:00 pm - 9:10 pm	M	Miller, E L	AH/T E221
21656	LEC	3:10 hrs/wk	TBA	Koritzke, L S	ON LINE

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

Requirement Designation: Meets IGETC 5B CSU B2

Enrollment Requirement: Prerequisite: PSYCH 001

Advisory: English 28

Biological Psychology

19983	LEC	11:45 am - 1:10 pm	MW	Cain, L C	AH/T E213
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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

Life-Span Psychology: From Infancy To Old Age

20192	LEC	10:10 am - 11:35 am	MW	Bentley, M J	AH/T E213
20193	LEC	10:10 am - 11:35 am	TTh	Bentley, M J	AH/T E213
20194	LEC	11:45 am - 1:10 pm	MW	Koritzke, L S	AH/T E406
20195	LEC	6:00 pm - 9:10 pm	T	Essex, R W	AH/T E213
20196	LEC	3:10 hrs/wk	TBA	Koritzke, L S	ON LINE

Class No	Component	Start/End Time	Days	Instructor	Room
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PSYCH 069-Psychology In Film (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4I CSU D9*

Psychology In Film

20262	LEC	3:10 hrs/wk	TBA	Koritzke, L S	ON LINE
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Public Relations**PUB REL 001-Principles Of Public Relations (CSU) - 3 Units**

Principles Of Public Relations

10131	LEC	8:00 am - 11:10 am	TTh	Wilson-Aus, A M	CH/ K322
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(Starts 08/27/2018, Ends 10/19/2018)

PUB REL 002-Public Relations Techniques (CSU) - 3 Units

Public Relations Techniques

10175	LEC	8:00 am - 11:20 am	TTh	Wilson-Aus, A M	CH/ K322
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(Starts 10/22/2018, Ends 12/16/2018)

Real Estate**REAL ES 001-Real Estate Principles (CSU) - 3 Units**

Real Estate Principles

11285	LEC	6:00 pm - 9:10 pm	W	STAFF, L	CH/ K210
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REAL ES 003-Real Estate Practices (CSU) - 3 Units

Real Estate Practices

22935	LEC	6:00 pm - 9:10 pm	M	STAFF, L	CH/ K210
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REAL ES 007-Real Estate Finance I (CSU) - 3 Units

Real Estate Finance I

26070	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K210
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Refrigeration & Air Condition Mechanics**REF A/C 100-Air Conditioning Project Management - 3 Units**

This course provides HVAC Industry Project Manager instruction. Topics covered will include blueprint reading, Microsoft spreadsheets, Microsoft Word documents, Microsoft Project, design build criteria, estimating, change orders, request for information, GANTT Charts, scheduling, schedule of values, purchase orders, submittals, transmittals, reading of air balance reports, warranty letters and close out packages.

11747	LEC	6:00 pm - 9:10 pm	W	Kirschenbaum, B D	SQ/ B232
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REF A/C 101-Air Conditioning And Refrigeration Principles And Practices-First Semester - 9 Units

This course covers Refrigeration and Air Conditioning Theory, Fundamentals, and practices for entry level students. Topics discussed include refrigeration and air conditioning system components, maintenance procedures, service procedures, and Thermodynamics.

11756	LEC	7:00 am - 10:10 am	F	Cioffi, G	SQ/ B250
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AND

11762	LAB	7:00 am - 11:50 am	MTWTh	Cioffi, G	SQ/ B250
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Class No	Component	Start/End Time	Days	Instructor	Room
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REF A/C 105-Solar Water & Pool Heating System Principles - 3 Units

This is an introductory lecture course on Solar Thermal. The need for renewable energies, along with planning and installing solar thermal systems will be covered. The solar heating of swimming pools, domestic hot water, and building air will be emphasized.

26052	LEC	6:00 pm - 9:10 pm	F	STAFF, L	SQ/ B233
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REF A/C 110-Solar Water & Pool Heating System Practices - 2 Units

This course is designed for students interested in a career in the solar thermal industry. The fundamental practices and functions of the solar thermal industry will be introduced. This course covers the skills and practices for planning, installation, and maintenance of all the necessary components for a solar thermal water system.

26053	LAB	8:00 am - 2:30 pm	Sa	STAFF, L	SQ/ B233
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REF A/C 123-Pipe And Tube Joining Processes - 1 Unit

This course assesses assembly of components into operating systems using techniques employed by the industry.

11794	LAB	7:00 am - 10:10 am	M	Barnett, C J	SQ/ B237
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REF A/C 124-Refrigeration Electrical Circuits And Controls - 5 Units

This course covers the application of electrical principles and practices, including safety and PPE, utilized in the performance of the duties required of a HVACR Technician.

11804	LAB	7:00 am - 12:20 pm	TWTh	Barnett, C J	SQ/ B237
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REF A/C 125-Refrigeration System Components - 3 Units

Instruction is given in basic electricity and electrical components as they relate to the HVAC&R industry. The use of electrical schematic diagrams is stressed throughout the semester.

11811	LEC	7:00 am - 10:10 am	F	Barnett, C J	SQ/ B233
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REF A/C 133-Refrigeration Service Procedures I - 3 Units

Enrollment Requirement: Prerequisite: REF A/C 123; and REF A/C 124; and REF A/C 125

Corequisite: REF A/C 134 and REF A/C 135

This course involves servicing procedures applied to commercial and domestic refrigeration systems including restaurants, supermarkets and industrial process cooling. Students are required to inspect and analyze coolers, freezers and ice makers.

11826	LAB	7:00 am - 12:05 pm	MW	Needham, M R	SQ/ B203
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REF A/C 134-Service For Commercial Refrigeration - 3 Units

Enrollment Requirement: Prerequisite: REF A/C 123; REF A/C 124; REF A/C 125

Corequisite: REF A/C 133 and REF A/C 135

This course focuses on troubleshooting procedures in diagnosing and repairing malfunctions in domestic and commercial refrigeration systems. The lab work emphasizes the analyzing and repairing of mechanical and electrical components, with the proper use of tools and test equipment.

11832	LAB	7:00 am - 12:05 pm	TTh	Needham, M R	SQ/ B203
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Class No	Component	Start/End Time	Days	Instructor	Room
REF A/C 135-Air Conditioning And Refrigeration - 3 Units					
Enrollment Requirement: Prerequisite: REF A/C 123; REF A/C 124; REF A/C 125					
Corequisite: REF A/C 133 and REF A/C134					
This course focuses on refrigeration principles including theory of heat, automatic controls, electric motors, and commercial refrigeration. This course gives an in depth look at the refrigeration cycle and refrigeration components. This course discusses thermodynamics, including the pressure temperature chart, latent heat, and system efficiency.					
11842	LEC	7:00 am - 10:10 am	F	Needham, M R	SQ/ B203
REF A/C 141-Applied Refrigeration And Air Conditioning Principles - 3 Units					
Enrollment Requirement: Prerequisite: REF A/C 133; REF A/C 134; REF A/C 135					
Corequisite: REF A/C 143					
This course focuses on Chemistry as applied to the HVAC and R industry. Areas covered include Hydronics, heating and cooling load calculations, control wiring,introduction into the Uniform Mechanical Code, pneumatic controls, troubleshooting approaches, and employment.					
11850	LEC	7:00 am - 10:10 am	F	Dozier, K	SQ/ B203
REF A/C 143-Refrigeration Servicing Procedures II - 3 Units					
Enrollment Requirement: Prerequisite: REF A/C 133; REF A/C 134; REF A/C 135					
Corequisite: REF A/C 141 and REF A/C 145					
Troubleshooting procedures in diagnosing and repairing malfunctions in refrigeration systems are studied in this course with emphasis on mechanical problems.					
11859	LAB	7:00 am - 12:05 pm	MW	Dozier, K	SQ/ B204
REF A/C 145-Air Conditioning And Refrigeration Mechanics - 3 Units					
Enrollment Requirement: Prerequisite: REF A/C 133; REF A/C 134; REF A/C 135					
Corequisite: REF A/C 141 and REF A/C 143					
This is a study on diagnosing and repair of refrigeration, air conditioning, gas heating systems with emphasis on the correct application of electrical theory.					
11866	LAB	7:00 am - 12:05 pm	TTh	Dozier, K	SQ/ B204
REF A/C 160-Refrigeration System Principles And Practices - 4 Units					
Students learn the fundamental refrigeration system principles,including system components refrigerants, basic electricity, motors, controls, and test equipment in domestic and commercial systems.Students get an introduction to air conditioning with an emphasis on the refrigeration cycle, and appropriate temperatures.					
11875	LEC	8:00 am - 10:40 am	Sa	Needham, M R	SQ/ B203
AND					
11880	LAB	10:50 am - 3:40 pm	Sa	Needham, M R	SQ/ B203
REF A/C 161-Air Conditioning System Principles And Practices - 4 Units					
This is a study of human comfort, psychometrics and heat loads. Air distribution and duct sizing, air conditioning equipment,test instruments and measurements and servicing are explored.					
11914	LEC	6:00 pm - 7:10 pm	MW	Kahng, P B	SQ/ B203
AND					
11924	LAB	7:20 pm - 9:40 pm	MW	Kahng, P B	SQ/ B204

Class No	Component	Start/End Time	Days	Instructor	Room
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REF A/C 162-Piping Principles And Practices - 4 Units

Instruction is given on refrigerant tubing and fittings, water piping and fittings, pipe sizing, soft soldering, silver brazing and schematic drawings.

11956	LEC	6:00 pm - 7:10 pm	TTh	Corbin, B R	SQ/ B237
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AND

11975	LAB	7:20 pm - 9:40 pm	TTh	Corbin, B R	SQ/ B237
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REF A/C 164-Gas Heating Systems (CSU) - 4 Units

This course will provide the necessary skills needed for proper installation servicing and troubleshooting of natural gas furnaces. Topics include principles of gas combustion, gas ignition, controls, installation, and ventilation.

11989	LEC	6:00 pm - 7:10 pm	MW	Stirbis, N D	SQ/ B237
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AND

11996	LAB	7:20 pm - 9:40 pm	MW	Stirbis, N D	SQ/ B221
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REF A/C 165-Ice Storage Air Conditioning - 4 Units

Saving a large amount of Electric Energy by applying the Green Technology of Ice Storage Air Conditioning (ISAC), will be discussed and demonstrated in the lab with students' hands-on participation; students will actually operate an ISAC system to learn how ice is 1) produced, 2) stored and 3) later melted for air conditioning. The hands-on operation will show changes of refrigerant temperature/ pressure during the pull-down mode when making ice and later when melting the stored ice for air-conditioning. Slide presentations will display different technologies used to make Ice and will be compared. A newly developed ISAC for smaller roof-top commercial applications will be introduced. Free 600-page BAC Hand book.

26048	LEC	6:00 pm - 7:10 pm	ThF	STAFF, L	SQ/ B337
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AND

26049	LAB	7:20 pm - 9:35 pm	ThF	STAFF, L	SQ/ B337
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REF A/C 188-Servicing II - 3 Units

Topics covered in this course include: electrical diagrams for testing control circuits; the total electrical system and protection devices on package units; analysis of failure and compressor motor burnout cleanup procedures.

12032	LEC	6:00 pm - 9:10 pm	Th	Barnett, C J	SQ/ B233
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REF A/C 199-Mechanical Code I -Hvacr - 3 Units

Basic heating, air-conditioning and refrigeration (HVACR) mechanical codes and ordinances are the focus of this course. General codes, installation methods and equipment, electrical requirements and other specified areas in the various ordinances are reviewed.

12045	LEC	10:20 am - 1:30 pm	F	Needham, M R	SQ/ B203
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REF A/C 202-Refrigeration Fundamentals (CSU) - 3 Units

This course covers applied thermodynamics, types of energy, gas laws, sensible and latent heat transfer.

12068	LEC	6:00 pm - 9:10 pm	W	Espinoza, A	SQ/ B233
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REF A/C 203-Compression Systems Of Refrigeration (CSU) - 3 Units

Instruction is given in the vapor cycle of refrigeration systems, including the study of refrigerants and their behavior in the system.

12077	LEC	6:00 pm - 9:10 pm	W	Brady, P A	SQ/ B250
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Class No	Component	Start/End Time	Days	Instructor	Room
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REF A/C 204-Functions And Compression System Components - 3 Units

This Course covers the technical aspects of all major refrigeration system components. Topics covered include the principles of operation of various types of compressors, refrigerant flow controls, and system design.

12087	LEC	6:00 pm - 9:10 pm	Th	Allen, G E	SQ/ B250
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REF A/C 208-Refrigerant Management - Epa Section 608 Certification (CSU) - 4 Units

This course covers Refrigerant Management including the EPA Section 608 ruling, the Montreal Protocol, Ozone depletion and Global Warming. Preparatory course for the EPA section 608 technician certification. Type I, II, III, and Universal Certification. NOTE: Certification test will be available at the end of the semester for an additional fee

12095	LEC	4:05 hrs/wk	TBA	Cioffi, G	ON LINE
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REF A/C 209-North American Technician Excellence (Nate)-Air Conditioning Specialist Certification Preparation (RPT 2) - 4 Units

This course is a preparatory course for the industry standard NATE A/C Specialist certification examination. Topics covered in this course include safety, thermodynamics, electrical system diagnostics, airflow measurements, mechanical code, installation, service, tools, and more!

12127	LEC	4:05 hrs/wk	TBA	Cioffi, G	ON LINE
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REF A/C 250-Indoor Air Quality - 3 Units

This course emphasizes on operation of systems to provide quality air to indoor environments. AQMD requirements and pending regulations are reviewed. Organizing and implementing maintenance programs that include indoor air quality assessment and air balancing HVAC systems are covered.

12144	LEC	6:00 pm - 9:10 pm	T	Barnett, C J	SQ/ B233
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REF A/C 941-Cooperative Education-Refrigeration & Air Conditioning Mech (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.

12176	LEC	5:15 hrs/wk	TBA	Blumenfeld, S	SQ/ B136
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Please send your best email address to Blumens@lattc.edu once you enroll in this Co-Op Ed class.
(Starts 09/17/2018, Ends 12/16/2018)

Restaurant Management

RESTMGT 100-Restaurant Management (CSU) - 3 Units

Introduction to managing in the restaurant industry. Effective communication, goal setting, management theory, problem solving and creating a team work environment will be discussed.

10231	LEC	8:00 am - 11:10 am	F	Wemischner, R B	MH 301
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Sign Graphics

SGNGRPH 101-Individual Lettering - 10 Units

Instruction covers identification of materials, tools, and brushes. Training is offered in drawing and brush lettering Gothic, Roman, Script, and casual letter styles. This course also includes training in techniques of layout, letter spacing, color mixing in reference to the production and sale of temporary signs. Students prepare showcards, paper signs, and other temporary display saleable items.

10461	LEC	7:00 am - 8:10 am	TWThF	Guthrie, R T	SA/ H204
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AND

10478	LAB	8:20 am - 12:25 pm	TWThF	Guthrie, R T	SA/ H204
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SGNGRPH 102-Exterior Display Signs - 10 Units

Enrollment Requirement: Prerequisite: SGNGRPH 101

This course covers the tools and materials used to produce outdoor signs. In addition, students design, paint, and letter signs inside and outside the classroom. Students will work on a variety of materials including; canvas, plywood, aluminum, and plastic substrates, Introduction to computer generated lettering and application techniques for vinyl letters. Instruction will emphasize sign layout and design. Students will produce a 4/X8' plywood sign and an exterior wall sign.

10498	LEC	7:00 am - 8:10 am	TWThF	Aguilar, J C	SA/ H204
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AND

10512	LAB	8:20 am - 12:25 pm	TWThF	Aguilar, J C	SA/ H204
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SGNGRPH 103-Window Signs - 10 Units

Enrollment Requirement: Prerequisite: SGNGRPH 102

Instruction covers the use of specialized tools and materials used to produce window signs. Training includes painting on exterior and reverse windows, stippling techniques, and applications of vinyl letters on glass, both exterior and reverse. In addition, students will paint a temporary splash window and apply 23K gold leaf (water gilding). Intermediate computer design including the use of plotters and application techniques.

10528	LEC	7:00 am - 8:10 am	TWThF	Guthrie, R T	SA/ H204
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AND

10543	LAB	8:20 am - 12:25 pm	TWThF	Guthrie, R T	SA/ H204
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SGNGRPH 104-Advance Computer & Design - 10 Units

Enrollment Requirement: Prerequisite: SGNGRPH 103

Students will learn advanced design techniques, backgrounds, and color theory. Practical experience will be gained on advanced computer study, applications, and a variety of computer sign software. In addition, information will be given on small business practices - including management and pricing. Students will produce a sandblasted sign, a custom contour-cut sign, and an antique sign,

10561	LEC	7:00 am - 8:10 am	TWThF	Guthrie, R T	SA/ H204
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AND

10577	LAB	8:20 am - 12:25 pm	TWThF	Guthrie, R T	SA/ H204
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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.

23296	LAB	9:00 am - 3:30 pm	Sa	Johnson, B T	SA/ H230
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Class No	Component	Start/End Time	Days	Instructor	Room
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SGNGRPH 204-Silk Screen Processing II - 2 Units**Enrollment Requirement:** Prerequisite: SGNGRPH 203 and 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.

10621	LAB	9:00 am - 3:30 pm	Sa	Johnson, B T	SA/ H230
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SGNGRPH 205-Computer Techniques For Screen Printing - 2 Units

This is a computer course that will provide the basic skills necessary for students to prepare files for output to be used in the silk screen process. Topics covered; spot color, trapping, 4 color process and simulated color separations.

14917	LEC	6:00 pm - 7:05 pm	T	Johnson, B T	CY/ D330
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AND

14924	LAB	7:15 pm - 9:35 pm	T	Johnson, B T	CY/ D330
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SGNGRPH 212-Sign Design And Layout - 2 Units

Student will learn layout and design of commercial signs. Use of basic rules, appropriate fonts, proper emphasis and the effective utilization of panels will be covered in the course. Hand drawing and sign specific software will be practiced.

14354	LEC	7:00 am - 8:10 am	M	Guthrie, R T	SA/ H204
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AND

14364	LAB	8:20 am - 10:50 am	M	Guthrie, R T	SA/ H204
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Sociology

SOC 001-Introduction To Sociology (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4J CSU D0*

Introduction To Sociology

16103	LEC	8:35 am - 11:45 am	Sa	Garcia, J A	AH/T E107
16126	LEC	8:35 am - 10:00 am	TTh	Tweini, H	AH/T E323
16042	LEC	10:10 am - 11:35 am	MW	McClain, F	AH/T E107
16062	LEC	10:10 am - 11:35 am	TTh	McClain, F	AH/T E107
16049	LEC	11:45 am - 1:10 pm	MW	Adesina, C M	AH/T E323
16073	LEC	11:45 am - 1:10 pm	TTh	Tweini, H	AH/T E323
16146	LEC	6:00 pm - 9:10 pm	Th	Payne, V Z	AH/T E323
16178	LEC	3:10 hrs/wk	TBA	Garcia, J A	ON LINE

SOC 002-American Social Problems (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4J CSU D0*

American Social Problems

17785	LEC	8:35 am - 10:00 am	TTh	McClain, F	AH/T E107
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SOC 028-The Family: A Sociological Approach (UC/CSU) - 3 Units*Requirement Designation: Meets IGETC 4J CSU D0 E*

The Family: A Sociological Approach

18165	LEC	8:35 am - 10:00 am	MW	Powell, S B	AH/T E323
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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.

18527	LEC	8:35 am - 11:05 am	MW	Quinones, H C	AH/T E120
18532	LEC	8:35 am - 1:55 pm	F	Drake, M M	AH/T E206
18521	LEC	9:00 am - 2:20 pm	Sa	Linares, M	OH/ F224
18538	LEC	11:45 am - 2:15 pm	MW	Quinones, H C	AH/T E120
18545	LEC	6:00 pm - 8:30 pm	MW	Buscaglia, R	OH/ F222

SPANISH 002-Elementary Spanish II (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 6A 3B CSU C2

Enrollment Requirement: Prerequisite: SPANISH 1 or SPANISH 035

Students continue to practice authentic language in communicative contexts and increase their listening, speaking, reading, and writing proficiency. Upon successful completion of this course students are able to describe and narrate past real-life events, give commands and recommendations, talk about health issues, understand more complex conversations and readings, and write with more accuracy and detail. Students expand their awareness of the cultural diversity of the Spanish-speaking world. Credit is given for 2 or Spanish 35, but not for both. Prerequisite: Spanish 1 with a $\square C \square$ or better, or language proficiency equivalent to two years of high-school Spanish.

18730	LEC	8:35 am - 11:05 am	TTh	Quinones, H C	AH/T E120
27188	LEC	9:00 am - 2:20 pm	Sa	Buscaglia, R	OH/ F222

SPANISH 035-Spanish For Spanish Speakers I (UC/CSU) - 5 Units

Requirement Designation: Meets IGETC 3B

This course is intended for Spanish speakers who have grown speaking Spanish but have not formally studied it in an academic setting. Students are introduced to Spanish grammar and spelling rules with a focus on reading and writing skills and vocabulary expansion. Students practice the four language skills in the context of the geography, customs, and cultures of the Spanish-speaking countries and of the Latino experience in the United States. No prerequisites. Credit is given for either Spanish 35 or Spanish 2, but not both.

18864	LEC	11:45 am - 2:15 pm	MW	Buscaglia, R	OH/ F222
18873	LEC	6:00 pm - 8:30 pm	TTh	Buscaglia, R	OH/ F222

Supervised Learning Assistance

TUTOR 001T-Supervised Learning Assistance (Repeatable) - 0 Unit

Supervised Learning Assistance

27222	LAB	20:00 hrs/wk	TBA	Cole, V LMA 109
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Academic Connections - Tutoring

Supervision

SUPV 001-Elements Of Supervision (CSU) - 3 Units

Elements Of Supervision

19101	LEC	6:00 pm - 9:10 pm	T	STAFF, L	CH/ K322
19098	LEC	3:10 hrs/wk	TBA	Wilson-Aus, A M	ON LINE

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.

26063	LEC	6:00 pm - 9:10 pm	Th	Galindo, M	CH/ K322
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SUPV 011-Oral Communications - 3 Units

This course will focus on the basics of the oral communication process and how it is intertwined with the work of a supervisor. Students will plan, compose, and deliver oral presentations designed to strengthen verbal and nonverbal skills. Finally, the student will be exposed to the basic principles of management and supervision and how successful communication is fundamental to the success of supervisors.

19110	LEC	10:10 am - 11:35 am	TTh	Mcintosh, A U	CH/ K322
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Supply Water Technology

WATER 001-Water Distribution I (CSU) - 3 Units

This course provides instructions to water works design and operation for operators and others involved in the operation and design of water distribution systems. All major components of the distribution system including wells, storage reservoirs, pumps, water mains, valves, meters, and fire hydrants are fully discussed.

18257	LEC	9:00 am - 12:10 pm	Sa	Ginzburg, D	OH/ F223
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WATER 004-Water Purification I (Potable Water) (CSU) - 3 Units

This beginning course in water treatment covers regulations related to water treatment and water quality control, basics of water treatment plant processes and inter-relationship of processes, and introduction to operation and maintenance of water treatment plant. One of the objectives of the course is to prepare students for Grade 1 and Grade 2 Water Treatment Operator Certification by the Department Of Public Health (CDPH).

23069	LEC	1:00 pm - 4:10 pm	Sa	Ginzburg, D	OH/ F223
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WATER 101-Introduction To Supply Water Technology - 3 Units

The purpose of this course is to introduce the basics of water supply, sources of water supply, water chemistry, drinking water regulations, water microbiology, water quality control, and some basic arithmetics related to water distribution and water treatment problems.

10515	LEC	6:00 pm - 9:10 pm	M	Kallo, J S	OH/ F216
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WATER 102-Calculations And Measurement For Water Technology Programs - 3 Units

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

11510	LEC	6:00 pm - 9:10 pm	W	Kallo, J S	OH/ F216
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Class No	Component	Start/End Time	Days	Instructor	Room
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Tailoring

TAILRNG 250-Tailoring Techniques I - 2 Units

Training is offered in basic tailoring techniques. Students be instructed in welt pockets, hand tailored stitching, and finishing techniques. This course will consist of a basic and stylized tailored vest.

19160	LAB	6:00 pm - 9:10 pm	MW	STAFF, L	CY/ D331
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TAILRNG 251-Tailoring Techniques II - 2 Units

Enrollment Requirement: Prerequisite: TAILRNG 226 or TAILRNG 250

Students will receive training on trousers and casual men's style jackets. Instruction will include fly closures, welt pockets, and half linings, and jacket tailoring techniques.

19161	LAB	6:00 pm - 9:10 pm	MW	STAFF, L	CY/ D331
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TAILRNG 252-Tailoring Techniques III - 2 Units

Enrollment Requirement: Prerequisite: TAILRNG 227 or TAILRNG 251

Students receive training in tailored coats, men's style shirts. Instruction will include stylized seams, cold weather techniques.

19163	LAB	6:00 pm - 9:10 pm	MW	STAFF, L	CY/ D331
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TAILRNG 253-Tailoring Techniques Iv - 2 Units

Enrollment Requirement: Prerequisite: TAILRNG 228 or TAILRNG 252

Students will receive instruction on man's style tailored jacket including inner construction using traditional tailoring techniques.

10136	LAB	6:00 pm - 9:10 pm	MW	STAFF, L	CY/ D331
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TAILRNG 255-Men'S Pattern Drafting I - 2 Units

In this course students will learn the fundamentals of taking and using men's measurements for pattern making. Students will draft patterns for basic trousers, men's sport shirts, and a basic man's vest. Each pattern will be tested for fit.

25519	LAB	8:35 am - 3:05 pm	Sa	Conte, R S	CY/ D230
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TAILRNG 256-Men's Pattern Drafting II - 2 Units

This course in men's pattern making will introduce students to advanced styling including, jackets, and stylized pants. Students will make complete patterns for each element of a three piece suit.

25520	LAB	8:35 am - 3:05 pm	Sa	Conte, R S	CY/ D230
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Theater

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

Requirement Designation: Meets IGETC 3A 3B CSU C1

Introduction To The Theater

11690	LEC	11:45 am - 1:10 pm	TTh	Horn, M L	AH/T E301
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11704	LEC	6:00 pm - 9:10 pm	M	Horn, M L	AH/T E301
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Visual Communications

VISCOM 100-Graphic Design I (CSU) - 2 Units

An introduction to the profession of Graphic Design. Projects will stress design basics, typography, the computer as a design tool, the basics of visual problem solving, and art production and advertising.

14191 LAB 7:00 am - 12:20 pm TW Hubbard, R N CY/ D330

(Starts 08/27/2018, Ends 10/21/2018)

VISCOM 103-Basic Computer Systems (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1

Introduction to the Macintosh computer for graphic design. Students will learn the basics of computer functionality. Emphasis will be placed on a clear understanding of the operations systems and its configuration for use with graphic applications. File management, Apple & Adobe applications.

14209 LAB 7:00 am - 12:20 pm ThF Evans, G CY/ D303

(Starts 08/27/2018, Ends 10/21/2018)

VISCOM 105-Digital Prepress I (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1

Beginning level course in the preparation of art for the reproduction process, and its application to the industries of Advertising and Graphic Design. Students will study the history of graphic design, typesetting, digital prepress (in black and white and full color reproduction) as an emphasized focus within the course.

14221 LAB 7:00 am - 12:20 pm TW Evans, G CY/ D303

(Starts 10/22/2018, Ends 12/16/2018)

VISCOM 106-Drawing I (CSU) - 2 Units

Students will draw images of 3-D space correctly using Two Point Perspective. Students will draw from life and from photographs for the purpose of creating camera ready illustrations. Students will execute finished line art in various ink techniques.

14241 LAB 7:00 am - 1:10 pm ThF Rodriguez, C J CY/ D302

(Starts 10/22/2018, Ends 12/16/2018)

VISCOM 112-Digital Prepress II (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1

Intermediate level course where students design and produce projects that utilize the Macintosh computer and Apple applications. Printing processes, techniques and requirement for digital and offset lithography will be covered.

14259 LAB 7:00 am - 12:20 pm TW Evans, G CY/ D303

(Starts 08/27/2018, Ends 10/21/2018)

VISCOM 114-Digital Typesetting (CSU) - 2 Units

Introduction of the principles of computer typesetting as a career. The course will cover the standards and guidelines used to set type for ads, brochures, and stationary. Proofreading and setting copy in multiple computer programs will be stressed.

14270 LAB 7:00 am - 12:20 pm ThF Khanna, A CY/ D330

(Starts 08/27/2018, Ends 10/21/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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VISCOM 115-Graphic Design II (CSU) - 2 Units

Intermediate level course that will stress Graphic Design as a profession. Problems will emphasize the development of creativity, typography as communication, art production and the computer, and methods for developing brochures, ads and web pages.

25522	LAB	7:00 am - 12:20 pm	TW	Hubbard, R N	CY/ D330
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(Starts 10/22/2018, Ends 12/16/2018)

VISCOM 116-Advertising Concepts (CSU) - 2 Units

Introduction to the development of advertising concepts for magazines, television, and the internet. Use research, brainstorming and standard advertising methodology to plan, design and produce an advertising campaign.

27215	LAB	7:00 am - 1:10 pm	ThF	Morris, F H	CY/ D330
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(Starts 10/22/2018, Ends 12/16/2018)

VISCOM 118-Digital Drawing - 2 Units

Basic training in computer illustration using the Adobe software application Illustrator. Toolbox familiarity and manipulation, menu items, and general skill application will constitute the criteria for the course.

14302	LAB	7:00 am - 12:20 pm	M	Peregrino, G H	CY/ D330
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VISCOM 119-Digital Page Layout (CSU) - 2 Units

A hands on course in the digital page layout application Adobe InDesign. Students will learn to construct page layouts for print, including the specification of typographic fonts, setting type in columns and wrap-arounds, working with spreads and long copy documents, using photographs and illustrations, and the preflight preparation of finished document files for print reproduction.

14309	LEC	1:00 pm - 3:05 pm	W	Evans, G	CY/ D303
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VISCOM 120-Drawing II (CSU) - 2 Units

An advanced drawing course in which indoor and outdoor observational drawing concepts are linked with magazine and book publishing for the creation of cover art and feature article page layouts.

14323	LAB	7:00 am - 12:20 pm	TW	Rodriguez, C J	CY/ D302
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(Starts 08/27/2018, Ends 10/21/2018)

VISCOM 124-Computer Illustration I (CSU) - 2 Units

An advanced level course in digital picture-making techniques. It combines the Adobe software applications Illustrator and Photoshop for the creation of digital illustrations that include drawing, photo manipulations, and typography stylizations for advertising and editorial purposes.

14331	LAB	7:00 am - 12:20 pm	ThF	Rodriguez, C J	CY/ D302
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(Starts 08/27/2018, Ends 10/21/2018)

VISCOM 126-Portfolio Development I (CSU) - 2 Units

This is a course in the production of a finished portfolio; all course projects will be reviewed for portfolio consideration. Some projects will require reworking. Preparation of 10 completed works with preliminary developmental books culminates in a simulated job interview with Advisory Board members.

14346	LAB	7:00 am - 12:20 pm	TW	Rodriguez, C J	CY/ D302
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(Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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VISCOM 127-Digital Prepress III (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1

An advanced course in digital prepress. Students will utilize photographic images, typography, and original artwork to create printing files for advertising and graphic design. Advanced Macintosh based theories will be covered to include Adobe Creative Suites.

14363 LAB 7:00 am - 1:10 pm ThF Evans, G CY/ D303
 (Starts 10/22/2018, Ends 12/16/2018)

VISCOM 128-Designing Logos And Trademarks (CSU) - 2 Units

Introduction to the principles of trademark design and stationary production. Research, marketing, color theory, and corporate identity principles will be stressed. Logos, letterheads, business cards and envelopes will be designed for a variety of clients.

14378 LAB 7:00 am - 12:20 pm M Rodriguez, C J CY/ D302

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.

14391 LAB 1:30 pm - 4:00 pm TTh Morris, F H CY/ D330

VISCOM 130-Drawing III (CSU) - 2 Units

Students will be able to compose and design a multiple image montage illustration. The incorporation of scale change, strong positive and negative shapes and line variations will provide depth to the illustration content and suggest a strong graphic composition.

14403 LAB 7:00 am - 12:20 pm TW Rodriguez, C J CY/ D302
 (Starts 08/27/2018, Ends 10/21/2018)

VISCOM 131-Computer Illustration II (CSU) - 2 Units

An advanced level course in digital picture-making techniques. It combines the Adobe software applications Illustrator and Photoshop for the creation of digital illustrations that include drawing, photo manipulations, and typography stylizations for advertising and editorial purposes.

14416 LAB 7:00 am - 12:20 pm ThF Rodriguez, C J CY/ D302
 (Starts 08/27/2018, Ends 10/21/2018)

VISCOM 132-Portfolio Development Ii (CSU) - 2 Units

An advanced course in the production of a finished portfolio. Preparation of 10 completed works with preliminary developmental books culminates in a simulated job interview with Advisory Board members.

14430 LAB 7:00 am - 12:20 pm TW Rodriguez, C J CY/ D302
 (Starts 10/22/2018, Ends 12/16/2018)

VISCOM 133-Digital Portfolio Preparation (UC/CSU) - 2 Units

Requirement Designation: Meets CSU C1

Plan and produce a digital portfolio of course projects to up-load to the Internet. Write a resume based on graphic design and advertising standards.

14440 LAB 7:00 am - 1:10 pm ThF Evans, G CY/ D303
 (Starts 10/22/2018, Ends 12/16/2018)

Class No	Component	Start/End Time	Days	Instructor	Room
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Wastewater Technology

WASTE 013-Wastewater Operations II - 3 Units

A comprehensive study is made of preliminary, primary, and secondary treatment systems and operations including selected field studies.

18250	LEC	6:00 pm - 9:10 pm	W	Abkian, V	OH/ F223
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WASTE 017-Wastewater Operations Vi - 3 Units

Public health, the environment, regulations, management/supervision and report writing as practiced in wastewater and water reclamation plants safety are covered.

21654	LEC	6:00 pm - 9:10 pm	Th	Abdelaal, M A	OH/ F223
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WASTE 018-Water And Wastewater Mathematics - 3 Units

This is a review and practice of basic mathematical concepts required to solve wastewater treatment problems. (Note: this is not a remedial math class).

18254	LEC	2:30 pm - 5:40 pm	W	Abkian, V	OH/ F223
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Welding Gas and Electric

WELDG/E 100-Metal Sculpture I (RPT 1) - 3 Units

Expand beginning welding skills and metal working techniques into an exploration of metal sculpture. This course covers hot and cold working of steel. Shielded metal arc welding, oxy-fuel and plasma arc cutting, weld design and finishing techniques. Technical skills will be emphasized through hands on instruction and practice. There will be opportunity for creative expression and practical application.

18259	LEC	8:00 am - 10:05 am	Sa	Newell, R	OH/ F150
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AND

18260	LAB	10:15 am - 2:30 pm	Sa	Newell, R	OH/ F156
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WELDG/E 102-Semi-Automatic Welding I (Gmaw) In Advanced Manufacturing (NDA) (RPT 3) - 3 Units

Semi-Automatic Welding I (Gmaw) In Advanced Manufacturing

23640	LEC	6:00 pm - 6:45 pm	WTh	STAFF, L	OH/ F150
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Pipe Welding Course.

AND

23641	LAB	6:50 pm - 9:05 pm	WTh	STAFF, L	OH/ F156
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WELDG/E 104-Gas Tungsten Arc/Shielded Metal Arc Welding (NDA) - 3 Units

This course provide instruction on welding carbon steel pipe to requirements of the ASME Boiler and Pressure Vessel Code using the Gas Tungsten Arc and the Shielded Metal Arc welding processes.

26042	LEC	6:00 pm - 7:05 pm	MT	Galvez, R	OH/F 151A
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AND

26043	LAB	7:00 pm - 9:05 pm	MT	Galvez, R	OH/ F156
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WELDG/E 111-Acetylene Welding, Cutting And Brazing (CSU) - 5 Units

Basic applications in oxy-acetylene welding, brazing and cutting in flat and vertical positions. Students will perform SMAW on light gauge steel in all positions. Safety procedures and metal welding characteristics.

18261	LAB	7:00 am - 10:10 am	MTWThF	Hernandez, R	OH/ F156
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Class No	Component	Start/End Time	Days	Instructor	Room
WELDG/E 112-Welding Related Technical Instructions I - 3 Units					
This course will cover the principles of oxy-acetylene welding, brazing and cutting; safety, material selection, equipment assembly, fuels torch adjustments, and movements.					
18265	LEC	10:45 am - 1:55 pm	Th	Hernandez, R	OH/ F151
WELDG/E 113-Applied Mathematics I - 3 Units					
This is an entry level course in welding calculations and measurements with special emphasis on the application problems encountered in the welding industry.					
18269	LEC	10:45 am - 1:55 pm	W	Thompson, D	OH/ F151
WELDG/E 121-Electric Welding I (CSU) - 5 Units					
Students perform basic manipulative exercises in electric welding using low alloy and mild steel materials in all positions, safety precautions, and fire prevention.					
18274	LAB	7:00 am - 10:10 am	MTWThF	Legohn, L M	OH/ F156
WELDG/E 124-Blueprint Reading I (CSU) - 3 Units					
This course covers the principles of reading and interpreting basic industrial blueprints as applied to the welding trade.					
18280	LEC	10:45 am - 1:55 pm	M	Legohn, L M	OH/ F150
WELDG/E 125-Applied Mathematics II - 3 Units					
Related mathematical problems in welding in project design and construction using the fundamental principles of algebra, right angle trigonometry, and basic geometry.					
18283	LEC	10:45 am - 1:55 pm	F	Newell, R	OH/ F150
WELDG/E 131-Electric Welding Ii (CSU) - 5 Units					
This course will offer students an opportunity to prepare for certification testing in SMAW. There will be opportunities for improvement through supervised practice and individual coaching in SMAW technique.					
18289	LAB	7:00 am - 10:10 am	MTWThF	Hernandez, R	OH/ F156
27703	LAB	11:00 am - 2:10 pm	MTWThF	Chancy, C A	OH/ F156
WELDG/E 132-Blueprint Reading II - 3 Units					
Enrollment Requirement: Prerequisite: WELDG/E 113					
The course covers the principles of lines, view, size, description, print formats, fasteners, and different types of fabrication drawings; review of industrial welding prints.					
27704	LEC	9:00 am - 10:25 am	MW	Chancy, C A	OH/ F151
18297	LEC	10:45 am - 1:55 pm	T	Hernandez, R	OH/ F151
WELDG/E 133-Welding Related Technical Instruction III - 3 Units					
The course places an emphasis on materials, design, assembly procedures, electrodes selection, equipment, welding joints, terminology, welding metallurgy, and preparation for AWS and ASME welding examination.					
27705	LEC	9:00 am - 10:25 am	TTh	Chancy, C A	OH/ F151
18301	LEC	10:45 am - 1:55 pm	F	Legohn, L M	OH/ F150
WELDG/E 141-Electric Welding Iii (CSU) - 5 Units					
Students complete activities in sheet metal welding, cast iron welding, inert gas welding (MIG and TIG) and semi-automatic gas shielded welding.					
18305	LAB	7:00 am - 10:10 am	MTWThF	Legohn, L M	OH/ F156

Class No	Component	Start/End Time	Days	Instructor	Room
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WELDG/E 142-Inert Gas Welding (Tig & Mig) (CSU) - 3 Units

The course covers principles in welding aluminum, stainless steel, carbon steel and the maintenance and operation of welding equipment.

18312	LEC	10:45 am - 1:55 pm	Th	Legohn, L M	OH/ F150
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WELDG/E 143-Welding Related Technical Instruction IV - 3 Units

The course covers the principles and theory of operating semi-automatic gas shielded welding equipment and the metallurgy of metals.

18319	LEC	10:45 am - 1:55 pm	W	Legohn, L M	OH/ F156
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WELDG/E 210-Metal Sculpting Laboratory (CSU) - 2 Units

Enrollment Requirement: Prerequisite: WELDG/E 100

Expand beginning welding skills and metal working techniques into an exploration of metal sculpture.

18325	LAB	8:00 am - 2:30 pm	Sa	Newell, R	OH/ F156
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