

BIOLOGY (BIOL)

106 Principles of Biology Laboratory

3 hours lab, 1 unit

Advisory: English 51 and 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5; and Mathematics 95 with a grade of "C" or better, or equivalent, or Assessment Skill Level M40.

Limitation on Enrollment: This course is not open to students with credit for Biology 103, 104, or 107, or 210A and 210B.

This course is intended as a General Education elective and for students in the Applied Biology and Allied Health Tracks but not the biology major. Students enrolled in this course are recommended to take Biology 105 concurrently but this is not compulsory. The laboratory introduces use of the microscope, experimental design, collection and analysis of data, and techniques of dissection. Laboratory sessions explore life processes common to all living organisms, interactions between organisms and their environment, classical and molecular genetics, metabolism, plant and animal anatomy and physiology, evolution, and cellular and molecular biology. (FT) Transfer Credit: CSU and/or private coll/univ. UC Transfer Credit: No credit for Biology 105, 106, or 107 if taken after 210A/B. Biology 105 and 106 combined with 107: maximum credit, four units. (CAN BIOL 2 when taken with Biology 105)

INFORMATION ONLY

Offered at Miramar.

May be offered via distance education at Miramar effective 024. ***Reviewed***

COMPUTER AND INFORMATION SCIENCES (CISC)

132 Intermediate Local Area Networking

0.75 hour lecture, 0.75 hour lab, 1 unit

Grade Only

This course is an introductory study of Internetworking and network applications. Emphasis is placed on presenting students with a breadth of knowledge from wiring to applications and including Internet architecture, protocols, datagrams, routing, the client server model, electronic mail, web document technologies, network management and security. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City and Mesa.

Change course description effective 024. ***Approved***

Integrate outline effective 024. ***Approved***

**CONSTRUCTION ELECTRONIC SYSTEMS TECHNICIAN
APPRENTICESHIP (CEST)**

***301A Introduction to Construction Electronic Systems Technician I**
2 hours lecture, 3 hours lab, 3 units
Grade Only

Advisory: English 51 and 56 and Mathematics 95, each with a grade of “C” or better, or equivalent or Assessment Skill Levels W5, R5, and M40.
Limitation on Enrollment: Student must be an indentured Construction Electronic Systems Technician apprentice.
This course provides the Construction Electronic Systems Technician apprentice with instruction in general construction site safety, measurements and formulas, use of hand and power tools, interpretation of blueprints, basic rigging techniques and methods used to move equipment and materials. (FT) Associate Degree Credit.

New course at City effective 024. **Approved**

Advisory effective 024. **Approved**

Limitation on enrollment effective 024. **Approved**

May be offered via distance education effective 024. **Reviewed**

***301B Introduction to Construction Electronic Systems Technician II**
2 hours lecture, 3 hours lab, 3 units
Grade Only

Limitation on Enrollment: Student must be an indentured Construction Electronic Systems Technician apprentice.
This course provides the Construction Electronic Systems Technician apprentice with instruction in industry standards and building codes, residential and commercial construction methods, basic electrical theory, electrical meters, OSHA safety standards, and ladders and rigging. (FT) Associate Degree Credit.

New course at City effective 024. **Approved**

Advisory effective 024. **Approved**

Limitation on enrollment effective 024. **Approved**

May be offered via distance education effective 024. **Reviewed**

COSMETOLOGY (COSM)

60 Facials, Hairstyling and Haircutting

2.5 hours lecture, 2.5 units
Grade Only

Prerequisite: Cosmetology 50 with a grade of “C” or better, or equivalent.
Corequisite: 50L; or 50LA and 50LB; or Cosmetology 60L; or 60LA and 60LB; or 70L; or 70LA and 70LB.
Advisory: Completion of or concurrent enrollment in English 51 and 56, each with a grade of “C” or better, or equivalent, or Assessment Skill Levels W5 and R5.
Limitation on Enrollment: This course is not open to students with credit for Cosmetology 122.

Offered at City.

Change title effective 024. **Approved**

Change hours effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate outline effective 024. **Approved**

This course is an introduction to concepts related to facials, hairstyling and haircutting. Included in this course are basic principles of histology for the skin including diseases and disorders. Advanced facial treatments, massage and skin analysis for a diverse clientele are incorporated as well as advanced make-up techniques that include application, analysis, and corrective procedures. Basic principles of design used for haircutting, fingerwaving, wet hairstyling, blow drying, marcel and electric curling iron, pressing, artificial hair care and artificial hair styling are introduced. This course incorporates communication skills as related to client services and professionalism intended to support students in their employment goals. This course is intended to prepare students for Cosmetology 70 and 80 and the California State Bureau of Barbering and Cosmetology Exam. (FT) Associate Degree Credit.

**Requires Board of Trustees approval prior to implementation.*

ELECTRICAL (ELEC)

65A Intermediate Electrical Construction I

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Offered at City.

Change advisory to
prerequisite effective 024.
Approved

Prerequisite: Electrical 60B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 110 or Electrical Apprenticeship 302A.

This course covers intermediate electrical techniques including principles of alternating currents, characteristics of circuits, transformers, motor theory applications, grounding purposes and methods, National Electrical Code (NEC) requirements for conduit bending, types of bends, specifications for boxes and fittings, and location considerations. (FT) Associate Degree Credit.

65B Intermediate Electrical Construction II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Offered at City.

Change advisory to
prerequisite effective 024.
Approved

Prerequisite: Electrical 65A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 111 or Electrical Apprenticeship 302B.

This course covers the installation of connections for conductor termination and splices; use of cable pulling instruments and NEMA and NEC standards for cable tray; installation of electrical service and related components and equipment; use of manual take-off methods and troubleshooting techniques; identification of ratings for current breakers and fuses and regulations for sizing use, and installation of relay switches, conductors and overrides; electrical lighting principles, types and applications. (FT) Associate Degree Credit.

70A Advanced Electrical Construction I

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Offered at City.

Change advisory to
prerequisite effective 024.
Approved

Prerequisite: Electrical 65B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 212 or Electrical Apprenticeship 303A.

This course includes instruction in branch load calculations for circuits and varied electrical appliances; introduction to and identification of electrical conductors; devices used for overprotection of loads, currents, circuits and fuses; fill requirements for boxes/raceways; principles of wiring devices, switches and receptacles and their locations; requirements for distribution equipment; settings for voltage, switch gear, circuits and components; distribution system transformers and their characteristics; types of components; NEC requirements; methods for locating and troubleshooting problems. (FT) Associate Degree Credit.

70B Advanced Electrical Construction II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite Electrical 70A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 213 or Electrical Apprenticeship 303B.

This course provides the electrical worker with instruction in basic lighting and NEC requirements for lighting fixtures for indoor and outdoor use; an introduction to motor basics, calculations, transformers, instruments for testing, wiring, protection, maintenance, and troubleshooting for various types of motors and motor controls; introduction to heating, ventilation, and air conditioning (HVAC) systems and refrigeration theory, compressors, operating systems and system maintenance equipment, and safety requirements for varied locations; principles for combustion, hazardous materials and their reactions in varied locations, and the use of safety equipment. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

75A Electrical Construction Specialties I

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Electrical 70B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 222 or Electrical Apprenticeship 304A.

This course provides the electrical worker with instruction in calculations for wiring commercial and residential dwellings and NEC requirements for lighting and specialty fixtures; characteristics and types of standby emergency electrical systems and system applications, size of disconnect switches, feeder and branch circuits for DC systems; theory and operating principles for solid-state devices, operational amplifier circuits, specialty and transformers and components of fire alarm and security systems; installation methods for smoke and heat detectors. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

75B Electrical Construction Specialties II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Electrical 75A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 223 or Electrical Apprenticeship 304B.

This course is designed to provide the electrical worker with advanced instruction of controls for motors, starters, relays, switches and transformers; installation and connection of gas burner controls and commercial and industrial HVAC control systems; NEC and OSHA requirements for connecting and grounding varied welding machines; installation and protection of heat-tracing and freeze protection equipment; principles and maintenance of motors and selection of materials and tools required for high voltage termination/splices according to manufacturer’s specifications. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

ENGLISH (ENGL)

205 Critical Thinking and Intermediate Composition

3 hours, 3 units

Prerequisite: English 101 or 105 with a grade of “C” or better, or equivalent, or Assessment Skill Levels W6 and R6

This course is designed to help students who are planning to transfer to a four-year college or university to develop critical thinking, reading, writing, and research skills beyond the level of English 101 and English 105; it is a required course within many curricula. Assignments require a total of at least 8,000 words of graded writing. The course focuses on writing argumentative prose and critically evaluating arguments. A majority of the written assignments require some research and documentation, including library research. Designated sections of this course may be taught from a specific cultural perspective and are cross-listed under Black Studies and Chicano Studies in the catalog and class schedule. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

INFORMATION ONLY

Offered at City, Mesa, and Miramar.

May be offered via distance education at City effective 024. ***Reviewed***

210 American Literature I

3 hours, 3 units

Prerequisite: English 101 or 105 with a grade of “C” or better, or equivalent, or Assessment Skill Levels W6 and R6.

This course is a survey of American literature from its beginning to the late 19th Century including representative works from the Colonial Period (1588-1765), the New Republic (1765-1829), In this class students read and discuss the authors of these periods, addressing relevant social, political, cultural, and religious issues. The students critically analyze in essays, exams, and research papers the authors, specific works, and other topics as assigned. Classroom activities include lectures and discussions of the principal authors and works. Selected representative readings are required. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN ENGL 14) (CAN ENGL SEQ C = ENGL 210+211).

Offered at City, Mesa, and Miramar.

Change course description effective 024. ***Approved***

Integrate outline effective 024. ***Approved***

211 American Literature II

3 hours, 3 units

Prerequisite: English 101 or 105 with a grade of “C” or better, or equivalent, or Assessment Skill Levels W6 and R6.

A survey of American Literature from the late 19th Century to the present which includes representative works from the Age of Realism (1865-1914), the Modernist Period (1914-1945), and the Postmodern Era (1950-present). In this class students read and discuss the authors of these periods, addressing relevant social, political, cultural, and religious issues. The students critically analyze in essays, exams, and research papers the authors, specific works, and other topics as assigned. Classroom activities include lectures and discussions of principal authors and their works. Selected representative readings are required. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN ENGL 16) (CAN ENGL SEQ C = ENGL 210+211).

Offered at City, Mesa, and Miramar.

Change course description effective 024. ***Approved***

Integrate outline effective 024. ***Approved***

LIBRARY SCIENCE (LIBS)

101 Information Literacy and Research Skills

1 hour lecture, 1 unit

Advisory: English 51 or 56, each with a grade of “C” or better, or equivalent, or Assessment Skill Level W5 or R5.

This course is an overview of information resources and the skills required to use them effectively. Through lectures, hands-on assignments, and other methods, students learn how to use library resources such as electronic indexes and databases, online services, and the Internet as well as develop strategies for conducting research. This course is intended for students who wish to acquire skills that enable them to find information for academic research, career demands, and/or lifelong learning. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at Miramar.

Change course description effective 024. ***Approved***

Integrate outline effective 024. ***Approved***

Activate at City and Mesa effective 024. ***Approved***

MEDICAL ASSISTING (MEDA)

105 Human Anatomy and Physiology

3 hours, 3 units

Grade Only

Advisory: English 51 and 56, each with a grade of “C” or better, or equivalent, or Assessment Skill Levels W5 and R5.

This course examines the structures of the human body and the functions of the major body systems including the principles of human anatomy and physiology. Students are instructed in cell structure and physiology, tissue classification and function, and general body organization. This course is a foundation course for medical assisting majors and may also be taken by non-medical assisting majors to meet associate degree GE requirements. Associate degree credit.

Offered at Mesa.

Change advisory effective 024. ***Approved***

Change transfer status effective 024. ***Approved***

Integrate course outline effective 024. ***Approved***

PIPEFITTING (PLPF)

80 Introduction to Pipefitting

2 hours lecture, 3 hours lab, 3 units

Grade Only

Prerequisite: Plumbing (PLBG) 65B with a grade of "C" or better, or equivalent.

Limitation on enrollment: This course is not open to students with credit for Pipefitting (PLPF) 325.

This course is designed to give the Pipefitting student an introduction to blueprint drawings and detail sheets, piping systems, standards and specifications, and trade math. This course also includes advanced blueprint reading and trade math as well as motorized equipment and above ground pipe installation. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024. ***Approved***

85 Intermediate Pipefitting

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Pipefitting (PLPF) 80 with a grade of "C" or better, or equivalent.
Limitation on enrollment: This course is not open to students with credit for Pipefitting (PLPF) 330.

This course is designed to give the Pipefitting student instruction in pipe hangers and supports, identifying and installing valves, field routing and vessel trim, spring can supports, planning work activities and performing non-destructive examination testing. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

90 Advanced Pipefitting

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Pipefitting (PLPF) 85 with a grade of "C" or better, or equivalent.
Limitation on enrollment: This course is not open to students with credit for Pipefitting (PLPF) 335.

This course is designed to give the pipefitting student instruction in advanced pipe fabrication, aligning pipe to rotating equipment, steam traps, in-line specialties, special piping, hot taps, and maintaining valves. (FT)

Offered at City.

Change advisory to prerequisite effective 024.
Approved

PLUMBING (PLBG)

60B Introduction to Plumbing II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Plumbing (PLBG) 60A with a grade of "C" or better, or equivalent.
Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 110 or 310.

This course is designed to give the plumbing student an introduction to reading and interpreting the LAMPO uniform plumbing codes and residential plumbing drawings, identifying various types of pipe and the procedures for working with the pipe. This course will also include identification of various plumbing lines and their components. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

65A Intermediate Plumbing I

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite Plumbing (PLBG) 60B with a grade of "C" or better, or equivalent.
Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 115 or 315.

This course is designed to provide the intermediate plumbing student the knowledge of introductory plumbing math, the identification of various commercial drawings, the installation of DWV piping components and systems for commercial properties utilizing local and BOCA National Plumbing Codes. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

65B Intermediate Plumbing II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Advisory Prerequisite: Plumbing (PLBG) 65A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 120 or 320.

This course is designed to give the intermediate plumbing student the ability to perform testing of water supply piping and systems, installation of the components of a water supply system, and the ability to read and interpret commercial plumbing drawings for project requirements according to local and national codes. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

70A Advanced Plumbing I

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Plumbing (PLBG) 65B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 125 or 325.

This course is designed to provide the advanced plumbing student with the ability to perform applications of advanced math for plumbers and methods of handling waste. This course also provides information relating to water softening measures, methods of locating buried lines, the installation and maintenance of waste pressure booster systems, and the prevention of backflow. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

70B Advanced Plumbing II

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Plumbing (PLBG) 70A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 130 or 330.

This course is designed to provide the advanced plumbing student with the ability to organize job tasks, clean and disinfect potable water systems, thaw frozen pipes, install main to meter water services and solar systems. This course also covers the ability to rough-in fixtures for residential, commercial and handicapped settings and install natural gas and storm drainage systems. (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

75A Plumbing Construction Specialties

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Plumbing (PLBG) 70B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 135 or 335.

This course is designed to introduce the plumbing student to specialty topics such as swimming pool installation, medical gas systems, mobile home and mobile home park plumbing systems, and private water waste and treatment systems (FT) Associate Degree Credit.

Offered at City.

Change advisory to prerequisite effective 024.
Approved

***75B Plumbing Code**

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Limitation on Enrollment: This course is not open to students with credit for Plumbing (PLBG) 340.

This course is designed to prepare the advanced plumbing student to apply plumbing codes to correctly design and build plumbing systems. Primary topics include coverage of codes pertaining to plumbing fixtures and fittings, water heaters and fuel piping, drainage, waste and vent systems, sewage and reclaimed water systems, sizing and standards, and alternate plumbing systems. (FT) Associate Degree Credit.

New course at City effective 024. **Approved**

Limitation on enrollment effective 024. **Approved**

May be offered via distance education effective 024. **Reviewed**

PLUMBING APPRENTICESHIP

***340 Plumbing Code**

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Limitation on Enrollment: Student must be an indentured Plumbing apprentice.

This course is not open to students with credit for Plumbing (PLBG) 75B.

This course is designed to prepare the advanced plumbing student to apply plumbing codes to correctly design and build plumbing systems. Primary topics include coverage of codes pertaining to plumbing fixtures and fittings, water heaters and fuel piping, drainage, waste and vent systems, sewage and reclaimed water systems, sizing and standards, and alternate plumbing systems. (FT) Associate Degree Credit.

New course at City effective 024. **Approved**

Limitation on enrollment effective 024. **Approved**

May be offered via distance education effective 024. **Reviewed**

PSYCHOLOGY (PSYC)

101 General Psychology

3 hours, 3 units

Advisory: English 51 and 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5.

A survey of the principles and concepts which are basic to understanding human behavior. Intended to give the individual some insight into his/her own motives and activities. (FT) Transfer Credit: CSU and/or private coll/ univ. UC Transfer Credit: Psychology (PSYC) 101 combined with Black Studies 104 or Chicano Studies 105: maximum credit, one course. (CAN PSY 2)

INFORMATION ONLY

Offered at City, Mesa, and Miramar.

May be offered via distance education at Miramar effective 022. **Reviewed**

230 Psychology of Lifespan Development

3 hours lecture, 3 units

Prerequisite: Psychology 101 with a grade of "C" or better, or equivalent.

This course is designed for students interested in studying the psychological development of humans in all their sociocultural diversity from conception to death. Students learn major theoretical positions related to growth and change. The course emphasizes the variety of factors that shape similarities and differences in life. Psychology majors wishing to transfer are advised to take this course. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at Mesa.

Change course description effective 024. **Approved**

Integrate outline effective 024. **Approved**

Activate at Miramar effective 024. **Approved**

SHEET METAL (SHEE)

60B Level I Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 60A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 110 or 301B.

In this course, a continuation of fabrication (parallel line development), and trade math are covered, as well as basic piping practices and radial line development. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

65A Level II Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 60B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 115 or 302A.

This course includes: bend allowances, soldering, blueprints and specifications, duct fabrication, SMACNA Manuals, insulation, gutters and downspouts, roof flashings, and principles of air flow. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

65B Level II Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 65A with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 120 or 302B.

This course is a continuation of the principles of air flow. Other topics include associated equipment, principles of refrigeration, fiberglass ducts and an introduction to triangulation. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

70A Level III Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 65B with a grade of “C” or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 125 or 304A.

In this course, students will review the principles of triangulation, layout and pattern development using a variety of tools, equipment and materials, as well as the fundamentals of welding, brazing, cutting, and field measuring and fitting. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

COLLEGE CURRICULUM PROPOSALS

ACTION

70B Level III Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 70A with a grade of "C" or better, or equivalent.
Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 130 or 304B.
This course covers shop production and organization, air balancing and an introduction to a comprehensive review of fabrication. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

75A Level IV Sheet Metal

**2 hours lecture, 3 hours lab, 3 units
Grade Only**

Prerequisite: Sheet Metal 70B with a grade of "C" or better, or equivalent.
Limitation on Enrollment: This course is not open to students with credit for Sheet Metal 135 or 305A.
In this course, students will continue to review fabrication as well as louvers, dampers, access doors, the use of hoods and ventilators, and how to design fume and exhaust systems per OSHA and ACGHI standards. (FT) Associate Degree Credit.

Offered at City.

Change grading option effective 024. ***Approved***

Change advisory to prerequisite effective 024. ***Approved***

TAGALOG (TAGA)

101 First Course in Tagalog

5 hours, 5 units

Advisory: English 50 with a grade of "C" or better, or equivalent, or Assessment Skill Level W4.
This course in Tagalog is the first in its language sequence. This is an entry-level course to the Filipino language and culture. In this interactive course, students use the language through speaking, listening, reading, and writing at the novice level. Basic language structures, appropriate forms of address, and vocabulary for communication are examined and explored. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at Mesa.

Activate at Miramar effective 024. ***Approved***

SPECIAL TOPICS COURSES (FOR INFORMATION ONLY)

**CISC 265H Convergent Network Technologies: Local Area Networks (LANs)
1 hour, 1 unit
Credit/No Credit Only**

This course provides students with basic training in local area networks (LANs). The student develops a critical understanding of the concepts and technology of LAN topologies, information transfer, transmission techniques, media standards, and network management. This course follows Computer-Prep Official Curriculum and is intended to prepare students to take Computer-Prep Certified in Convergent Network Technologies (CCNT) Local Area Networks (LANs) Exam. (FT) Transfer Credit: CSU and/ or private coll/univ.

New course at City effective 021. ***Approved***

Note: All course proposals for Centers for Education and Technology (attached) were approved.

**Requires Board of Trustees approval prior to implementation.*