

ACCOUNTING (ACCT)

****116A Principles of Accounting-Financial**

**4 hours, 4 units
Grade Only**

Advisory: Mathematics 35 with a grade of “C” or better, or equivalent, or Assessment Skill Level M30; and English 51 and 56, each with a grade of “C” or better, or equivalent, or Assessment Skill Levels W5 and R5.

This introductory financial accounting course provides instruction in the theory and practice of accounting applicable to recording, summarizing, and reporting of business transactions for external uses. Subject matter includes coverage of asset valuation, revenue and expense recognition, and appropriate accounting for various asset, liability, and capital accounts. This course is required for business majors preparing for and planning to transfer to a four-year college or university. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN BUS 2) (CAN BUS SEQ A = ACCT 116A + 116B)

Offered at City, Mesa, and Miramar.

Change advisory effective 024. **Not approved.**

Change course description effective 024. **Not approved**

Integrate course outline effective 024. **Not approved**

May be offered via distance education at Mesa and Miramar effective 022.

Approved

ADMINISTRATION OF JUSTICE (ADJU)

*** **301A Regional Officer Training**

**8 hours lecture (total), 0.5 unit
Grade Only**

Prerequisite: Administration of Justice 381 and 382 and 383 and 384, each with a grade of “C” or better, or equivalent.

Identify how policing evolved to its current state and how a transition is made to problem oriented policing, the history, benefits, problem solving process and availability of resources. Working through a thorough analysis and building in a mechanism for assessment and evaluation for adjustment and continuation. (FT) Associate Degree Credit.

Offered at Miramar.

Deactivate at Miramar effective 022. **Approved**

*** **301B Regional Officer Training**

**8 hours lecture (total)
16 hours lab (total), 1 unit
Grade Only**

Prerequisite: Administration of Justice 381 and 382 and 383 and 384, each with a grade of “C” or better, or equivalent.

Instruction will be provided on C.P.R./First Aid Recertification, Domestic Violence, Firearms (lecture), Hazardous Materials update, Preliminary Investigations Manual (P.I.M.) Review, Sexual Harassment Issues, and Use of Deadly Force/Pedestrian Hot Stops. Transfer Credit: CSU and/or private coll/univ.

Offered at Miramar.

Deactivate at Miramar effective 022. **Approved**

*** **337 P.O.S.T. Certified Legal Issues: Controlled Substances**

**8 hours lecture (total), 0.5 unit
Grade Only**

Prerequisite: Administration of Justice 381, 382, 383, and 384, each with a grade of “C” or better, or equivalent.

An overview of the technical issues involved in the detection, apprehension and prosecution of a person who is “Under the Influence of a Controlled Substance.” Transfer Credit: CSU and/or private coll/univ.

Offered at Miramar.

Deactivate at Miramar effective 022. **Approved**

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

***Review online in CurricUNET.*

ART – GRAPHIC DESIGN (ARTG)

*** **147 Portfolio**

**1.5 hour lecture, 4.5 hours lab, 3 units
Grade Only**

Offered at City.

Advisory: Art-Fine Arts 185, or Art-Graphic Design 124 or 133 with a grade of “C” or better, or equivalent.

Deactivate at City effective 024. **Approved**

Limitation on Enrollment: This course is not open to students with credit for Art-Commercial Art 140 or Art-Graphic Design 147A or 147B.

Designed to prepare a professional portfolio utilizing the skills and projects acquired in previous graphic design courses. An emphasis will be placed on development of advertising projects and a professional resume package. Students will create an original portfolio and develop a system for presenting their work. The portfolio will be used to obtain employment or to go onto further education. Students are required to present their finished portfolio to the department faculty and advisors for feedback. (FT) Associate Degree Credit.

*** **155 Freelance Business Practices**

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

Offered at City.

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

Deactivate at City effective 024. **Approved**

Limitation on Enrollment: This course is not open to students with credit for Art-Commercial Art 155.

Preparation for the business aspects of graphic design. Topics include the development of self-promotion pieces, resume preparation, job search techniques, ethics, image, pricing and legal aspects. Important skills for those interested in becoming a successful business person in the design field. (FT) Associate Degree Credit.

BUSINESS STUDIES (BUSE)

****119 Business Communications**

**3 hours, 3 units
Grade Only**

Offered at City, Mesa, and Miramar.

Advisory: English 51 and 56, or Business 92, each with a grade of “C” or better, or equivalent, or Assessment Skill Levels W5 and R5.

Change course description effective 024. **Not approved**

Students learn the principles of effective business communications. Students also learn about the broad development of the ability to analyze, organize and compose various types of written and oral business communications. Students learn to develop clear, concise, and persuasive letters, memorandums, and reports. This course is well suited for transfer students planning to major in business. This course meets district general education requirements. Transfer Credit: CSU and/or private coll/univ.

Integrate course outline effective 024. **Not approved**

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

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

***Review online in CurricUNET.*

COMPUTER BUSINESS TECHNOLOGY (CBTE)

*** **164A Microsoft Certification Lab-Outlook-Core**

**0.75 hour lecture, 0.75 hour lab, 1 unit
Grade Only**

Advisory: Completion of or concurrent enrollment in Computer Business Technology 164.

This course provides students with a hands-on review of the latest version of Outlook for Microsoft Office User Specialist: Microsoft Outlook. As a proficient user at the core level, the student develops the skills to send/retrieve messages, schedule appointments, schedule tasks, create and edit contacts, use the contact list to send e-mail messages, use journal entries, and post notes. Emphasis is placed on in-class practice tests to prepare for the MOUS exam. (FT) Transfer Credit: CSU and/or private coll/univ.

New course at City effective 022. ***Approved***

Advisory effective 022. ***Approved***

May be offered via distance education effective 022. ***Approved***

COMPUTER AND INFORMATION SCIENCES (CISC)

****110 Microcomputer Applications**

**1.5 hours lecture, 1.5 hours lab, 2 units
Grade Only**

This course is a broad-based study of microcomputer applications. Emphasis is placed on providing students with hands-on experience using and integrating current word processing, spreadsheet, database and presentation software applications. In addition, this course provides an introduction to electronic mail and web and desktop publication programs. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

Change course description effective 022. ***Approved***

Integrate course outline effective 022. ***Approved***

****115 Adapted Microcomputer Applications
for the Disabled**

**1.5 hours lecture, 1.5 hours lab, 2 units
Grade Only**

This course is a broad-based study of microcomputer applications specifically designed for students with disabilities.. Emphasis is placed on providing students with disabilities hands-on experience using and integrating current word processing, spreadsheet, database and presentation software applications using adaptive technology. In addition, this course provides an introduction to electronic mail and web and desktop publication programs. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

****121 Introduction to Operating Systems**

**0.75 hour lecture, 0.75 hour lab, 1 unit
Grade Only**

This course is an introductory hands-on study of computer operating systems for general users. Emphasis is placed on the commands and utilities necessary for effective use of computer systems. This course may be offered for Disk Operating System (DOS), Macintosh, Microsoft Windows, OS/2, and Unix. (FT) Transfer Credit: CSU and/or private coll/ univ.

Offered at City.

Change course description effective 022. ***Approved***

Integrate course outline effective 022. ***Approved***

****126A Intermediate Spreadsheet Development I**

**0.75 hour lecture, 0.75 hour lab, 1 unit
Grade Only**

Offered at City.

Change course description

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

***Review online in CurricUNET.*

COLLEGE CURRICULUM PROPOSALS

ACTION

Limitation on Enrollment: This course is not open to students with credit for Computer and Information Sciences 126.

This course presents a selected spreadsheet package for use in a business environment at the intermediate level. Emphasis is placed on combining business development theory and techniques with spreadsheet applications. Course content includes the formulae and functions, text processing and formatting, importing and exporting data, linking of multiple spreadsheets, advanced data management facilities, and graphic features. (FT) Transfer Credit: CSU and/or private coll/ univ.

effective 024. ***Approved***

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

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

****128 Introduction to Computer Presentations**

0.75 hour lecture, 0.75 hour lab, 1 unit

Grade Only

This course is an introductory hands-on study of current applications, hardware and software used to prepare effective presentations on desktop computers. Emphasis is placed on planning, designing, developing, presenting, and evaluating slide, overhead, and computer projection presentations using a combination of text and graphics. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

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

****130 Introduction to Local Area Networks**

0.75 hour lecture, 0.75 hour lab, 1 unit

Grade Only

This is an introductory study of microcomputer local area and wide area network development, use and administration. Emphasis is placed on presenting students with a breadth of knowledge from wiring to applications and including hardware, software, transmission media, packets, frames, network topology, routing, protocols and layering. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City and Mesa.

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

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

*** **205 Object Oriented Programming Using C++**

3 hours lecture, 3 hours lab, 4 units

Grade Only

This course introduces students to object oriented programming (OOP) using the C++ programming language and includes the essential concepts related to OOP including use of classes and objects, inheritance, templates, polymorphism, pointers and references and I/O streams. (FT) Transfer Credit: CSU and/or private coll/univ.

New course at City and Miramar effective 024.

Approved

May be offered via distance education at City and Miramar effective 024. ***Approved***

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

***Review online in CurricUNET.*

DISABLED STUDENTS PROGRAMS AND SERVICES (DSPS)

**** 27 Career Planning for Students with Disabilities**

2 hours, 2 units

Credit/No Credit Only

This course is designed to assist students with disabilities in acquiring an understanding of the world of work. Emphasis is placed on developing and pursuing goals for employment and on identifying community, state, and national assistance resources. Throughout the course, students evaluate their individual career goals, analyze their job skills, research the job market and construct an effective resume and cover letter for prospective employers. Course material also emphasizes preparing students to meet the psychological, social and cognitive demands of employment. (FT) Credit for this course does not apply to the associate degree.

Offered at City.

Change course title effective 024. ***Approved***

Change hours and units effective 024. ***Approved***

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

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

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

****34 College Success Skills**

1hour lecture, 1unit

Credit/No Credit Only

This course is designed to assist students with disabilities to achieve their educational goals by providing them with an orientation to the college campus, policies, procedures and support services such as financial aid, tutoring, counseling, computer labs, and career and transfer information. Emphasis is placed on time management, mental and physical health, study skills, self-advocacy, accommodations, and interpersonal relationships as they relate to individual disabilities and college success. Throughout the course, students clarify goals, develop an education plan and identify the courses, services and programs that will lead to their success. Credit for this course does not apply to the associate degree.

New course at City and Miramar effective 024.

Approved

*** ** 38 Math Strategies for the Learning Disabled**

3 hours, 3 units

Credit/No Credit Only

This course is designed for students with verified disabilities related to mathematics. It is taught as a lecture class that can be taken independently or in conjunction with Mathematics 32/Mathematics 35. This class utilizes a strategies-oriented course developing competency with basic mathematical operations and pre-algebra concepts. This course may be repeated in combination with Disabled Students Programs and Services 73 for a total of three times with different content. Credit for this course does not apply to the associate degree.

New course at City, Mesa, and Miramar effective 024.

Approved

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

***Review online in CurricUNET.*

*** **40 Individual Assessment and Educational Planning**

**0.5 hour, 0.5 unit
Credit/No Credit Only**

Limitation on Enrollment: This course is not open to students with credit for Disabled Students Programs and Services 50. This course is designed to facilitate students' awareness of individual learning aptitude as compared to measured academic achievement. Standardized achievement and aptitude assessment instruments are individually administered during the course in accordance with California Community College Learning Disabilities Eligibility Model to document a learning profile related to community college academic demands. Related academic study strategies and possible learning disability accommodations are addressed when appropriate. Credit for this course will not apply to the associate degree.

New course at City, Mesa, and Miramar effective 024. ***Approved***

Limitation on enrollment effective 024. ***Approved***

***50 Individual Education Planning**

**0.5 - 1 hour, 0.5 - 1 unit
Credit/No Credit Only**

This course has been designed for students with disabilities. An individualized course designed to assess the disabled student's needs for special assistance in the community college setting and to assist him/her in planning appropriate educational goals and in selecting and/or preparing for college classes. Credit for this course will not apply to the associate degree.

Offered at City, Mesa, and Miramar.

Deactivate at City, Mesa and Miramar effective 024. ***Approved***

Note: Contingent upon approval of DSPS 40.

***73 Math Strategies for the Learning Disabled**

3 hours, 3 units

This course has been designed for students with learning disabilities. A strategies-oriented course developing competence with basic mathematical operations, including whole numbers, mixed numbers, fractions and decimal fractions. This course will prepare students for Mathematics 32. Credit for this course will not apply to the associate degree.

Offered at City.

Deactivate at City effective 024. ***Approved***

Note: Contingent upon approval of DSPS 38.

DRAMA (DRAM)

250 Rehearsal, Production and Performance

3-12 hours lab, 1-4 units

This course is a study and application of the skills, responsibilities and commitment required for work in play production and performance. Throughout the course, students participate in the rehearsal, production and performance of an actual play. As part of this process, students research and provide written critiques of the background, style, historical conditions and artistic theory connected to the given play and apply these to an original interpretation of the production. This course may be repeated three times. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City and Mesa.

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

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

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

***Review online in CurricUNET.*

251 Musical Comedy Rehearsal, Production and Performance

3-12 hours lab, 1-4 units

(FT) This course is a study and application of the skills, responsibilities and commitment required for work in the production and performance of a musical. Throughout the course, students participate in rehearsal, production and performance as actors, singers, dancers, technicians, assistant directors, stage managers and production crew. As part of this process, students research and provide written critiques of the background, style, historical conditions and artistic theory connected to the given musical and apply these to an original interpretation of the production. This course may be repeated three times. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City and Mesa.

Change hours and units effective 024. ***Approved***

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

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

ELECTRICAL (ELEC)

****60B Introduction to Electrical Construction II**

2 hours lecture, 3 hours lab, 3 units

Grade Only

Prerequisite: Electrical 60A with a grade of "C" or better, or equivalent.

Limitation on Enrollment: This course is not open to students with credit for Building Construction 109 or Electrical Apprenticeship 301B.

This course provides the electrical student with instruction in basic principles of electrical safety and hazard procedures including working with toxics and vapors. Students will also be provided with instruction in techniques used to hand bend conduits and install anchors and supports. Additional instruction will include an introduction to basic electrical theory and test equipment, the use of NEC boxes, fittings and conductors, and the interpretation of related electrical blueprints and commercial/industrial/residential symbols, diagrams and schematics used for wiring. (FT) Associate Degree Credit.

Offered at City.

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

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

ELECTRONIC SYSTEMS (ELDT)

****123 Introduction to Digital Circuits**

3 hours, 3 units

Grade Only

Advisory: Concurrent enrollment in Electronic Systems 123L.

Limitation on Enrollment: This course is not open to students with credit for Electronic Systems 220, 223 or Digital Technology 223.

This course is an introduction to digital technology with an emphasis on understanding, constructing and troubleshooting integrated circuits. Course content includes number systems and codes, truth tables, Boolean functions, combinatorial logic, registers, counters and device characteristics. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

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

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

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

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

***Review online in CurricUNET.*

<p>**123L Digital Circuits Laboratory</p> <p><i>Advisory:</i> Concurrent enrollment in Electronic Systems 123. <i>Limitation on Enrollment:</i> This course is not open to students with credit for Electronic Systems 222A, 223L or Digital Technology 223L. This laboratory course is designed to demonstrate the concepts studied in Electronic Systems 123 and to familiarize students with a variety of digital electronic components and circuits. Emphasis is placed on developing students' skills in designing, analyzing and constructing simple logic circuits including basic digital blocks, combinational networks, and sequential networks.. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.</p>	<p>3 hours lab, 1 unit Grade Only</p>	<p>Offered at City.</p> <p>Change course description effective 024. <i>Approved</i></p> <p>Change transfer credit status effective 024. <i>Approved</i></p> <p>Integrate course outline effective 024. <i>Approved</i></p>
<p>**124 Basic DC/AC Electronics</p> <p><i>Advisory:</i> Concurrent enrollment in Electronic Systems 124L and completion of Mathematics 95 with a grade of "C" or better, or equivalent or Assessment Skill Level M40. <i>Limitation on Enrollment:</i> This course is not open to students with credit for Electronics Technology 120A or Digital Technology 124. This course is a study of basic electricity and electrical circuit concepts. Course content includes Ohm's and Kirchhoff's Laws, Superposition Theorem, Thevenin's and Norton's Theorems, direct current (DC) series and parallel circuits, the generation and nature of alternating current (AC), power, capacitance, inductance, and magnetic circuits. Throughout the course, students apply the concepts of basic electronics to solve problems commonly found in industrial settings. . (FT) . Transfer Credit: CSU and/or private coll/univ.; UC.</p>	<p>4 hours, 4 units Grade Only</p>	<p>Offered at City.</p> <p>Change advisory effective 024. <i>Approved</i></p> <p>Change course description effective 024. <i>Approved</i></p> <p>Change transfer credit status effective 024. <i>Approved</i></p> <p>Integrate course outline effective 024. <i>Approved</i></p>
<p>**124L Basic DC/AC Laboratory</p> <p><i>Advisory:</i> Concurrent enrollment in Electronic Systems 124 and completion of Mathematics 95 with a grade of "C" or better, or equivalent or Assessment Skill Level M40. <i>Limitation on Enrollment:</i> This course is not open to students with credit for Electronics Technology 121A or Digital Technology 124L. This laboratory course demonstrates the basic concepts of electricity and electrical circuits and familiarizes students with various electronic components and circuits. Course content is designed to develop students' skills in reading schematic diagrams, fabricating simple circuits, and safely using basic test equipment for measuring and troubleshooting. Equipment used in this laboratory includes volt-ohm-amp meters, oscilloscopes, digital multimeters (DMMs), function generators, and power supplies. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.</p>	<p>3 hours lab, 1 unit Grade Only</p>	<p>Offered at City.</p> <p>Change advisory effective 024. <i>Approved</i></p> <p>Change course description effective 024. <i>Approved</i></p> <p>Change transfer credit status effective 024. <i>Approved</i></p> <p>Integrate course outline effective 024. <i>Approved</i></p>
<p>**125 DC/AC Circuit Analysis with Pspice</p> <p><i>Advisory:</i> Concurrent enrollment in Electronic Systems 125L; completion of Electronic Systems 124 and 124L, each with a grade of "C" or better or equivalent; <i>*Requires Board of Trustees approval prior to implementation.</i> <i>**Review online in CurricUNET.</i></p>	<p>4 hours, 4 units Grade Only</p>	<p>Offered at City.</p> <p>Change advisory effective 024. <i>Approved</i></p>

COLLEGE CURRICULUM PROPOSALS

ACTION

and completion of Mathematics 96 with a grade of “C” or better or equivalent, or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 125.

This course is a study of direct current and alternating current (DC/AC) electronic circuit analysis. Course material emphasizes circuit simulations on computers utilizing Pspice application to analyze current; voltage; resistance; capacitance; inductance; power and energy as well as series, parallel, and combination circuits; network theorems; transformers; passive filters, and response curves. (FT).
Transfer Credit: CSU and/or private coll/univ.; UC.

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

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

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

****125L DC/AC Circuit Analysis Laboratory**

**3 hours lab, 1 unit
Grade Only**

Advisory: Concurrent enrollment in Electronic Systems 125; completion of Electronic Systems 124 and 124L, each with a grade of “C” or better or equivalent; and completion of Mathematics 96 with a grade of “C” or better or equivalent, or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 125L.

This laboratory course demonstrates the basic concepts of computer assisted direct current and alternating current (DC/AC) circuit analysis. Equipment used in this course includes microcomputers utilizing industry standard software applications Pspice), volt-ohm-amp meters (VOMs), oscilloscopes, digital multimeters (DMM's), function generators, and power supplies. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

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

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

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

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

****126 Using C and C++ for Technology**

**3 hours, 3 units
Grade Only**

Advisory: Concurrent enrollment in Electronic Systems 126L.

This course is an introduction to the C and C++ programming languages as they apply to the analysis of the theoretical concepts of electronic technology. The course is structured around a variety of prepared programming assignments that emphasize problem solving techniques and use of the computer as a problem solving tool with applications in electronics. Students work with state of the art and industry standard microcomputers, hardware, software application programs, and compilers. This course is designed as preparation for majors in the field of Electronics. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

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

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

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

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

***Review online in CurricUNET.*

****126L Using C and C++ for Technology Laboratory**

**3 hours lab, 1 unit
Grade Only**

Advisory: Concurrent enrollment in Electronic Systems 126.

This course provides the laboratory component to the study of C and C++ programming languages as they apply to the analysis of the theoretical concepts of electronic technology. The course is structured around a variety of prepared programming assignments that emphasize problem solving techniques and use of the computer as a problem solving tool with applications in electronics. Students work with state of the art and industry standard microcomputers, hardware, software application programs and compilers. This course is designed as preparation for majors in the field of Electronics. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

Change course description effective 024. **Approved**

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

Integrate course outline effective 024. **Approved**

****143 Semiconductor Devices**

**3 hours, 3 units
Grade Only**

Advisory: Concurrent enrollment in Electronic Systems 143L and completion of Electronic Systems 124 and 124L, each with a grade of "C" or better, or equivalent and Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Electronic Systems 140A or Digital Technology 143.

This course is an introductory study of the characteristics and operation of semiconductor devices and their associated circuitry. Emphasis is placed on junction diodes, , bipolar-junction transistors, power supplies, feedback, linear integrated circuits (IC's), multistage amplifiers, push-pull amplifiers, junction field-effect transistors (JFETs), metal oxide semiconductor field-effect transistors (MOSFETs) and PSpice analysis. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

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

Integrate course outline effective 024. **Approved**

****143L Semiconductor Devices Laboratory**

**4.5 hours lab, 1.5 units
Grade Only**

Advisory: Concurrent enrollment in Electronic Systems 143 and completion of Electronic Systems 124 and 124L, each with a grade of "C" or better, or equivalent and Mathematics 96 with a grade of "C" or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Electronics Technology 142A or Digital Technology 143L.

This laboratory course focuses on the theoretical concepts of electronic devices and circuits through practical experimentation, Pspice analysis and computer simulation. Course content and materials include circuit operation, testing, troubleshooting and measurement of diodes, transistors and field-effect transistors (FETs), the use of computer-aided engineering software, microcomputers, oscilloscopes, digital multimeters (DMM's), function generators, and power supplies. (FT). . Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

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

Integrate course outline effective 024. **Approved**

****144 OP-AMPS, Sensors and Computers**

**3 hours, 3 units
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 143 and

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

***Review online in CurricUNET.*

Offered at City.

Change advisory effective 024. **Approved**

COLLEGE CURRICULUM PROPOSALS

ACTION

143L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 144L; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 144.

This course is a study of operational amplifier theory and circuit applications. Course content emphasizes sensors, transducers, data conversions, and the associated circuitry necessary to condition outputs for interface to a computer. Applications to analog-to-digital and digital-to-analog conversions, optical sensors, displacement transducers and instrumentation devices are included. This course is designed as preparation for majors in the field of Electronics. (FT). Transfer Credit: CSU and/or private coll/univ.; UC.

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

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

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

****144L OP-AMPS and Sensors Laboratory**

**4.5 hours lab, 1.5 units
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 143 and 143L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 144; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 144L.

This course provides the laboratory component to the study of operational amplifier theory and circuit applications. Course content emphasizes sensors, transducers, data conversions and the associated circuitry necessary to condition outputs for interface to a computer. Applications to analog-to-digital and digital-to-analog conversions, optical sensors, displacement transducers and instrumentation devices are included. This course is designed as preparation for majors in the field of Electronics. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City.

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

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

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

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

****198 Computer Applications in Electronics**

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

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 198.

This course is a presentation of computer applications in electronics through specific software and hardware currently utilized in local in electronics business and industry.. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

****227 Introduction to Lasers and Fiber Optics**

**3 hours, 3 units
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 124 and 124L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 227L; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 144.

This course is an introductory study of lasers, optical power meters, and laser systems designed to familiarize students with various industry supported lasers/fiber optics families. Emphasis is placed on providing students with a working knowledge of lasers and the ability to troubleshoot in the field. Topics covered include the properties of light, emission and absorption of light, lasing

Offered at City.

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

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

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

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

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

***Review online in CurricUNET.*

action, the temporal and spatial characteristics of lasers, optical energy, optical fibers, light sources, light receivers, fiber optic geometry, alignment and splicing techniques, communication links, and fiber optic system design. (FT). . Transfer Credit: CSU and/or private coll/univ.

****227L Lasers and Fiber Optics Laboratory**

**3 hours lab, 1 unit
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 124 and 124L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 227; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50

This laboratory course is designed to familiarize students with the elements and operation of lasers, optical power meters, and laser and fiber optics systems through experiments and projects conducted individually and in groups. This course provides students with the opportunity to enhance and further investigate the concepts presented in Electronic Systems 227. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

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

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

****228 Communication Circuits and CET/NARTE Preparation**

3 hours, 3 units

Grade Only

Advisory: Completion of or concurrent enrollment in Electronic Systems 143 and 143L, 144 and 144L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 228L; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 228.

This course is a study of basic communication theory and is designed to Prepare students to take the Associate Electronics Technician (CET) and the 3rd Class Radio Telecommunications Technician (NARTE) examinations. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate course outline effective 024. **Approved**

****228L Communication Circuits and Certification Laboratory**

3 hours lab, 1 unit

Grade Only

Advisory: Completion of or concurrent enrollment in Electronic Systems 143 and 143L, 144 and 144L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 228; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 228L.

This laboratory course is a verification of the theoretical concepts of communication theory and mastery of the basic electronic instruments used in industry. This course is designed to prepare students to take the Associate Electronics Technician (CET) and the 3rd Class Radio Telecommunications Technician (NARTE) examinations. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate course outline effective 024. **Approved**

****229 Advanced Telecommunications Networks**

3 hours, 3 units

Grade Only

Advisory: Completion of or concurrent enrollment in Electronic Systems 126 and 126L, 228 and 228L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 229L; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50. This course is a project-oriented course that focuses on local, metropolitan, and wide-area network hardware system design, installation, maintenance and troubleshooting. Hardware topics presented include topologies, transmission media, access and interfacing techniques. Hardware technologies utilized include Fiber Distributed Data Interface (FDDI), Asynchronous Transfer Mode (ATM), Fast Internet and Token Ring. This course prepares students to take the Network Plus exam. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

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

Integrate course outline effective 024. **Approved**

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

***Review online in CurricUNET.*

****229L Advanced Telecommunications
Networks Laboratory**

**3 hours lab, 1 unit
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 126 and 126L, 228 and 228L, each with a grade of “C” or better, or equivalent; concurrent enrollment in Electronic Systems 229; and completion of Mathematics 96 with a grade of “C” or better, or equivalent or Assessment Skill Level M50.

This is a team project-oriented course that familiarizes students with the hardware and software needed to establish, run, and maintain advanced telecommunications networks at the local, metropolitan, and wide-area levels. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

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

Integrate course outline effective 024. ***Approved***
Offered at City.

****230 Advanced Computer Designs**

**3 hours, 3 units
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 224 and 224L, each with a grade of “C” or better, or equivalent and concurrent enrollment in Electronic Systems 230L.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 230.

This course is an advanced practical study of operating systems, , chip sets, system board configurations, and bus architecture. Emphasis is placed on the application of digital course material to modern microprocessor-based systems from a design perspective. This project oriented course examines: microprocessor machine language programming, hardware devices, hardware designs, system clock generation, bus characteristics, tri-state characteristics, buffers, I/O techniques, major microprocessor family comparisons, timing diagrams, memory organization, ROM, EPROM, RAM, memory mapping, memory refresh, decoding techniques and chip level troubleshooting. (FT) Transfer Credit: CSU and/or private coll/univ.

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

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

****230L Advanced Computer Designs Laboratory**

**3 hours lab, 1 unit
Grade Only**

Advisory: Completion of or concurrent enrollment in Electronic Systems 224 and 224L, each with a grade of “C” or better, or equivalent and concurrent enrollment in Electronic Systems 230.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 230L.

This is a practical course designed as a verification of the student’s understanding of the theoretical concepts of computer and microprocessor based designs through construction and testing of a complete microcomputer system..Throughout the course, students work with several pieces of electronic test equipment currently used in the industry in order to build and troubleshoot their projects. Students are expected to locate and purchase necessary components and breadboarding materials. (FT) Transfer Credit: CSU and/or private coll/univ.

Offered at City.

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

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

****231 Advanced System Interfacing**

**3 hours, 3 units
Grade Only**

Advisory: Completion of Electronic Systems 224 and 224L, each with a grade of “C” or better, or equivalent and concurrent enrollment in Electronic Systems 230

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

***Review online in CurricUNET.*

Offered at City.

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

COLLEGE CURRICULUM PROPOSALS

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and 230L.

Limitation on Enrollment: This course is not open to students with credit for Digital Technology 231.

This course is a continuation of the study of microprocessors and their support families. Course material emphasizes peripheral chips and various microprocessors that work together to add intelligence to modern electronic equipment. This course is designed to expose students to common usage microprocessor devices in order to gain a working knowledge of I/O techniques and to be able to troubleshoot in the field. (FT) Transfer Credit: CSU and/or private coll/univ.

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

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

ENGLISH (ENGL)

****202 Introduction to Linguistics**

3 hours, 3 units

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

Advisory: Completion of 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 introduce students to the field of Linguistics. In this course, students develop an understanding of the nature of language through the study of core areas in linguistics including phonetics, phonology, morphology, syntax, semantics and pragmatics. Students also read, write and think critically about related fields such as psycholinguistics, sociolinguistics, historical linguistics, and animal communication. This course is designed for students who plan to transfer as well as for those with a general interest in linguistics. (FT) Transfer Credit: CSU and/or private coll/ univ.; UC.

Offered at Mesa.

Change course description effective 022. ***Approved***

Integrate course outline effective 022. ***Approved***

Activate at City effective 022. ***Approved***

HISTORY (HIST)

175 History of California

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.

Interprets economic, social, political, and cultural development from earliest times: the Spanish period, American conquest and the Gold Rush; development as a State.

NOTE: This course satisfies the graduation requirement in California state and local government for those students who have completed equivalent American Institutions courses outside the State of California. Transfer Credit: CSU and/or private coll/ univ.; UC.

Offered at City and Mesa.

Deactivate at City effective 022. ***Approved***

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

***Review online in CurricUNET.*

MULTIMEDIA (MULT)

****121 Digital Image Editing**

3 hours lecture, 3 units

Advisory: Multimedia 112 with a grade of “C” or better, or equivalent.
This pragmatic course develops skills in the advanced use of bitmapped media design software applications. The student develops expert skills in producing bitmapped media elements for the diverse range of applications. Students will present a portfolio of a selected project of interest. This course is intended for students who plan to pursue a career in the multimedia industry. (FT) Transfer Credit: CSU and/or private coll/ univ.

Offered at Mesa.

May be offered via distance education effective 022.
Approved

PHILOSOPHY (PHIL)

101 Symbolic Logic

3 hours, 3 units

Prerequisite: Mathematics 96 with a grade of “C” or better, or equivalent, or Assessment Skill Level M50 and Philosophy 100 with a grade of “C” or better, or equivalent.

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

This course studies the elements of symbolic logic, sentential calculus and quantification theory, identity, definite descriptions, natural deduction and structure of language. This course may be of interest to students pursuing studies in computer science. Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City, Mesa, and Miramar.

Change prerequisite effective 024. ***Approved***

Add advisory effective 024.
Approved

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

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

****102A Introduction to Philosophy: Reality and Knowledge**

3 hours, 3 units

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

This course provides an introductory study of the aims, methods, types and problems of philosophy and philosophical inquiry. Discussions and readings relating to the nature of reality and problems of knowledge are emphasized. Materials for this survey of philosophical activity, orientations and views of philosophers may be drawn from classical and contemporary thinkers. Students are encouraged to articulate, analyze and evaluate their own beliefs/positions in the context of meaningful philosophical inquiry. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN PHIL 2)

Offered at City, Mesa, and Miramar.

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

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

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

****102B Introduction to Philosophy: Values**

3 hours, 3 units

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

This course provides an introductory study of the aims, methods, types and problems of philosophy and philosophical inquiry focusing on values and their place in an individual's daily life. Materials for this survey of philosophical activity, orientations and views of philosophers may be drawn from classical and contemporary thinkers. Students are encouraged to articulate, analyze and evaluate their own beliefs/positions in the context of meaningful philosophical inquiry

Offered at City, Mesa, and Miramar.

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

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

Integrate course outline

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

***Review online in CurricUNET.*

COLLEGE CURRICULUM PROPOSALS

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regarding value theory. (FT) Transfer Credit: CSU and/or private coll/ univ.; UC. (CAN PHIL 4)

effective 024. ***Approved***

****104A History of Western Philosophy**

3 hours, 3 units

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

This course explores the issues and problems associated with philosophy and philosophical activity as they are illustrated in the history of Western philosophy. Studies in this course focus on representative thinkers of the Classical and/or Medieval periods, their cultural milieu, and their attempts to resolve perennial philosophical issues and problems. This course may be of interest to students pursuing studies in History and Humanities. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN PHIL 8) (CAN PHIL SEQ A = PHIL 104A + 104B)

Offered at City and Mesa.

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

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

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

****104B History of Western Philosophy**

3 hours, 3 units

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

This course explores the problems associated with philosophy and philosophical activity as they are illustrated in the history of Western philosophy from the Renaissance period through the 19th Century. Studies in this course focus on representative thinkers of the Renaissance and/or Modern periods, their cultural milieu, and their attempts to resolve perennial philosophical issues and problems. This course may be of interest to students pursuing studies in History and Humanities. (FT) Transfer Credit: CSU and/or private coll/univ.; UC. (CAN PHIL 10) (CAN PHIL SEQ A = PHIL 104A + 104B)

Offered at City and Mesa.

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

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

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

PHYSICAL EDUCATION (PHYE)

****129 Dance Performance**

6 hours lab, 2 units

Advisory: Physical Education 110 or 135 or 140 with a grade of "C" or better, or equivalent.

Dance Performance provides the opportunity for students to apply intermediate and advanced skill in ballet, jazz and modern dance in preparation for public performance. Emphasis is placed on student application of dance, staging, and performance techniques in a theatrical environment. This course may be taken four times for credit. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City and Miramar.

Deactivate at City effective 024. ***Approved***

****135 Jazz Dance**

2 - 3 hours lab, 0.5 - 1 unit

Jazz Dance is a course which explores a variety of jazz dance techniques focusing on the development of coordination, flexibility, balance, strength, correct body alignment and rhythmic perception. Dance combinations are performed to demonstrate technical ability at all skill levels. This course may be taken a total of four times for credit. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City, Mesa, and Miramar.

Deactivate at City effective 024. ***Approved***

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

***Review online in CurricUNET.*

****140 Modern Dance**

2 hours lab, 0.5 unit or 3 hours lab, 1 unit

Modern Dance is a course that explores the fundamental concepts and techniques of modern dance including floor stretch, center work, locomotor sequences and dance combinations. The student demonstrates, defines and performs flexibility, coordination, rhythmic and dynamic perception, control and strength. The class critiques, discusses and analyzes line, design, technique, choreography and dynamic qualities through lectures, videotapes and concert critiques. This course may be taken four times for credit. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

Offered at City, Mesa, and Miramar.

Deactivate at City effective 024. ***Approved***

PSYCHOLOGY (PSYC)

****133 Psychology of Women**

3 hours, 3 units

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

Psychology of Women is designed for students seeking an associate degree or those seeking elective credit for transferring to the CSU or UC systems or any student interested in women’s issues. The course explores the nature of women's lives and the various roles that women play during their lives and takes an historical, ethnic and cross-cultural look at the treatment of women in the United States and abroad. Students examine women’s sexuality, health, life span development and socio-political status in the world today. (FT) Transfer Credit: CSU and/or private coll/ univ.; UC.

Offered at Miramar.

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

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

Activate at Mesa effective 024.

Propose for District GE, Area D, *Social and Behavioral Sciences*, effective 024. ***Approved***

Propose (for Mesa) for CSU GE Areas A3, *Communication in the English Language and Critical Thinking – Critical Thinking*; D4, *Social, Political and Economic Institutions and Behavior, Historical Background – Gender Studies*; and D9, *Social, Political and Economic Institutions and Behavior, Historical Background –Psychology*; effective term to be determined. ***Approved***

Propose (for Mesa) for UC Transfer List; effective term to be determined. ***Approved***

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

***Review online in CurricUNET.*

SPANISH (SPAN)

**** 100 First/Second Course in Spanish (Accelerated)**

10 hours, 10 units

Advisory: English 50 with a grade of "C" or better, or equivalent, or Assessment Skill Level W4; concurrent enrollment in Spanish 296.

Limitation on Enrollment: This course is not open to students with credit for or concurrent enrollment in Spanish 101 or 102.

This course in Spanish is designed to serve as a combination of the two beginning Spanish courses, Spanish 101 and 102. This is an entry-level course to the Spanish language and cultures of the Spanish-speaking world. In this interactive course, students use the language through speaking, listening, reading, and writing. The students develop their receptive and productive competencies to the intermediate low or mid level. Language structures and vocabulary for communication are examined and explored in Spanish. (FT) Transfer Credit: CSU and/or private coll/univ.; UC Transfer Credit: Spanish (SPAN) 100 is equivalent to 101, 102 combined (per catalog): maximum credit, 10 units.

Offered at Mesa.

Add advisory effective 024. **Approved**

Change limitation on enrollment effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate course outline effective 024. **Approved**

SPEECH (SPEE)

*** **111 Oral Interpretation**

**3 hours, 3 units
Grade Only**

Advisory: English 51 and 56 and Speech 103, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5, R5

This course involves theory and practice in the interpretational performance of literature. The course concentrates on the development of analytical skills and emphasizes the use of verbal and nonverbal communication in the interpretation of various literary genres including prose, poetry and drama. Literature is selected from a wide variety of world cultures and is taught from a multicultural perspective. The course is designed for the transfer student intending to major in Speech Communications. Transfer Credit: CSU and/or private coll/univ.

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

Change grading option effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate course outline effective 024. **Approved**

****170 Small Group Communication**

3 hours, 3 units

Advisory: English 51 and 56 and Speech 103, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5.

This course offers practical experience in the techniques of leading and participating in small group discussions. Small group techniques such as panels, , symposiums, problem solving, conflict resolution, leadership skills and parliamentary procedures are covered. Community building through service learning is presented as a tool to creating collective consciousness and an altruistic philosophy. This course is designed for students intending to major in speech communications, business, international business, education, and all fields of study and certifications that require group and team building skills. (FT) Transfer Credit: CSU and/or private coll/univ. (CAN SPCH 10)

Offered at City, Mesa, and Miramar.

Change advisory effective 024. **Approved**

Change course description effective 024. **Approved**

Integrate course outline effective 024. **Approved**

180 Intercultural Communication

3 hours, 3 units

Advisory: English 51 and 56 and Speech 103, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 and R5.

Intercultural communication is the study of communication between members of

Offered at City, Mesa, and Miramar.

Add advisory effective 024. **Approved**

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

***Review online in CurricUNET.*

COLLEGE CURRICULUM PROPOSALS

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differing cultures. The discipline focuses on the relationship between culture and communication emphasizing social psychological variables, verbal and nonverbal language systems, cross-cultural communication breakdowns and conflict resolution. Practical application of intercultural communication principles to contemporary problems of cross-cultural and international communication will be stressed. This course is designed for students intending to major in speech communications, international business, business education, social sciences, nursing, mass communications, and all fields of study and certifications that require cross-cultural contact and/or awareness of cultural distinctions. (FT) Transfer Credit: CSU and/or private coll/univ.; UC.

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

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

TECHNICAL ILLUSTRATION (TECI)

*** **50 Bridging to Technical Illustration**

**1 hour, 1 unit
Grade Only**

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

This course is designed to assist students in exploring the possibility of pursuing a career in the field of technical illustration. This introductory course outlines career options within the field, places of employment, overview of the current technology, areas of specialization, testing requirements and professional organizations. (FT) Associate Degree Credit.

SPECIAL TOPICS COURSES (FOR INFORMATION ONLY)

****CISC 265C Convergent Network Technologies: Basic Data Communication**
**1 hour, 1 unit
Credit/No Credit Only**

New course at City effective 022. ***Approved***

This course provides students with basic data communications knowledge and skills. The student is introduced to the technology of networking architecture, packet-switching, fiber optics, data modalities for blended solutions. This course follows Computer-Prep Curriculum and is intended to prepare students to take the Computer-Prep Certified in Convergent Network Technologies (CCNT) Basic Data Communications exam. This course may be repeated with new technology. (FT) Transfer Credit: CSU and/or private coll/univ.

****CISC 265D Convergent Network Technologies: Basic Telecommunications**
**1 hour, 1 unit
Credit/No Credit Only**

New course at City effective 022. ***Approved***

This course provides students with basic telecommunications knowledge and skills. The student is introduced to the technology of networks, business communications systems, signaling, Internet telephony and switching. This course follows Computer-Prep Official Curriculum and is intended to prepare students to take the Computer-Prep Certified in Convergent Network Technologies (CCNT) Basic Telecommunications exam. This course may be repeated with new technology. (FT) Transfer Credit: CSU and/or private coll/univ.

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

***Review online in CurricUNET.*

****CISC 265E Convergent Technologies: Broadband Technologies**

1 hour, 1 unit

Credit/No Credit Only

This course provides students with basic broadband technologies knowledge and skills. The student develops an understanding for convergent technologies and the need for transmitting more than one type of signal simultaneously by way of divided channel. Emphasis is placed on the exploration of the technology of voice and data integration, frame relay, Synchronous Optical Network (SONET), Asynchronous Transfer Mode (ATM)/cell relay, Switched Multi-megabit Digital Service (SMDS), Broadband Integrated Services Digital Network (BISDN), Digital Subscriber Line (DSL), and Virtual Private Network (VPN). This course follows Computer-Prep Official Curriculum and is intended to prepare students to take the Computer-Prep Certified in Convergent Network Technologies (CCNT) Broadband Technologies exam. This course may be repeated with new technology. (FT) Transfer Credit: CSU and/or private coll/univ.

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

****CISC 265F Convergent Network Technologies-Computer Telephony Integration**

1 hour, 1 unit

Credit/No Credit Only

This course is designed to provide students with instruction in Computer-Telephony Integration (CTI) Essentials that build on Convergent Technologies competencies. The student is introduced to the technology of merging voice, video and data on a single network, and the intersection of telephone, television, cable and Internet networks. This course follows Computer-Prep Official Curriculum and is intended to prepare students to take the Computer-Prep Certified in Convergent Network Technologies (CCNT) Computer-Telephony Integration (CTI) Essentials exam. This course may be repeated with new technology. (FT) Transfer Credit: CSU and/or private coll/univ.

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

****CISC 265G Convergent Network Technologies: Voice Over IP (VoIP) Essentials**

1 hour, 1 unit

Credit/No Credit Only

This course is designed to assist students in learning Voice Over IP. This course builds knowledge of Convergent Technologies and focuses on understanding the principles of transmitting voice calls and fax over the Internet. Students analyze VoIP networks, bandwidth compression, the Gateway, packet prioritization, Resource Reservation Protocol (RSVP), H.320 and H.323, and Wide Area Network (WAN) engineering issues. This course follows Computer-Prep Official Curriculum and is intended to prepare students to take the Computer-Prep Certified in Convergent Network Technologies (CCNT) Voice Over IP (VoIP) Essentials exam. This course may be repeated with new technology. (FT) Transfer Credit: CSU and/or private coll/univ.

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

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

***Review online in CurricUNET.*

****SPAN 265D Spanish Language in Cuernavaca, Mexico**

1 hour, 1 unit

Credit/No Credit Only

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

Corequisite: Spanish 102

Limitation on Enrollment: This course is open only to those students studying abroad.

This course is designed for students who are studying Spanish in Cuernavaca, Mexico. Emphasis is placed on language and cultural activities that are relevant to the study of the Spanish language in Mexico. (FT) Transfer Credit: CSU and/or private coll/univ.

New course at City effective 022. ***Approved***

Requisites effective 022. ***Approved***

****SPAN 265E Conversation and Composition in Spanish Language in Cuernavaca, Mexico I**

1 hour, 1 unit

Credit/No Credit Only

Prerequisite: Spanish 102 with a grade of "C" or better, or equivalent.

Corequisite: Spanish 210

Limitation on Enrollment: This course is open only to those students studying abroad.

This course is designed for students who are studying Spanish in Cuernavaca, Mexico. Emphasis is placed on language and cultural activities that are relevant to the study of the Spanish language in Mexico. (FT) Transfer Credit: CSU and/or private coll/univ.

New course at City effective 022. ***Approved***

Requisites effective 022. ***Approved****

****SPAN 265F Conversation and Composition in Spanish Language in Cuernavaca, Mexico II**

1 hour, 1 unit

Credit/No Credit Only

Prerequisite: Spanish 102 with a grade of "C" or better, or equivalent.

Corequisite: Spanish 211

Limitation on Enrollment: This course is open only to those students studying abroad.

This course is designed for students who are studying Spanish in Cuernavaca, Mexico. Emphasis is placed on language and cultural activities that are relevant to the study of the Spanish language in Mexico. (FT) Transfer Credit: CSU and/or private coll/univ.

New course at City effective 022.. ***Approved***

Requisites effective 022. ***Approved***

PROGRAM CHANGES - See future Board dockets*

****Art-Fine Art, Mesa College, effective 024. *Approved with modifications***

See attached Program Degree Reports.

****Business Studies, City College, effective 024. *Approved***

****Computer Technical Illustration, City College, effective 024. *Approved with modifications***

See attached Program Degree Reports.

****Speech, City College, effective 024. *Approved with modifications***

See attached Program Degree Reports.

****Speech Communications, Mesa College, effective 024. *Approved with modifications***

See attached Program Degree Reports.

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

***Review online in CurricUNET.*