

Curriculum Instructional Council, October 23, 2003

APPROVED

Actions Taken

See Proposal Impact (PI) reports to view list of courses and/or programs that may be impacted by the following proposed actions.

Accounting (ACCT)	Action
<p>102 Basic Accounting 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: MATH 035 and ENGL 043 or BUSE 092 and ENGL 042 , each with a grade of "C" or better, or equivalent, or M30/W4/R4. Limitation on Enrollment: This course is not open to students with previous credit for more advanced Accounting courses</p> <p>Theory and practice in the fundamentals of accounting transactions; business documents, journals and ledgers; opening, adjusting and closing entries; payroll.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>

Accounting (ACCT)	Action
<p>128A Small Business Accounting - Recordkeeping 1.50 hours lecture, .00 hours lab, 1.50 units Grade Only</p> <p>REQUISITES: Advisory: Concurrent enrollment in ACCT 128B . Limitation on Enrollment: This course is not open to students with previous credit for ACCT 128</p> <p>In this course, students will learn the basic accounting skills necessary to run a small business. They will study the practical applications of recording, summarizing, and reporting business transactions for internal uses as well as for completing federal, state, and local reporting requirements.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>

Accounting (ACCT)

<p>128B Small Business Accounting - Payroll 1.50 hours lecture, .00 hours lab, 1.50 units Grade Only</p> <p>REQUISITES: Advisory: Concurrent enrollment in ACCT 128A . Limitation on Enrollment: This course is not open to students with previous credit for ACCT 128</p> <p>In this course, students will learn the basic record keeping skills necessary to determine payroll for a small business. They will study the practical application of recording, summarizing, and reporting business transactions for internal uses as well as completing federal, state, and local reporting requirements.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Accounting (ACCT)

<p>*197L Accounting Topics Computerized .00 hours lecture, 3.00 - 4.50 hours lab, 1.00 - 1.50 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>An interdisciplinary course to supplement the lecture in Accounting 197 with computer aided instruction. Computer software, both CAI and commercial packages are available to assist the students in understanding business concepts.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Deactivation (not at any College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Art-Fine Art (ARTF)

<p>*125 History of Art: Survey in Far Eastern Art 3.00 hours lecture, .00 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>Survey of paintings, sculpture, architecture and allied fine arts from India, China, and Japan. Emphasis on the highlights of each culture, from prehistoric to modern times.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Deactivation (not at any College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Art-Fine Art (ARTF)

<p>185 Lettering 1.50 hours lecture, 4.50 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>A basic course emphasizing freehand techniques of brush and pen lettering. Letter forms, styles, spacing and layout problems are presented.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>034 Introduction to Automotive Engines and Related Systems 1.00 - 3.00 hours lecture, .00 hours lab, 1.00 - 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent, or W5/R5/M20. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 054A .</p> <p>This course introduces students to the automotive internal combustion engine. Course content includes an introduction of internal combustion systems such as fuel, electrical, cooling, and lubrication systems.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Re-number (from 54A). <i>Approved</i></p> <p>Change advisory. <i>Approved</i></p> <p>Add limitation on enrollment. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p>
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<p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, Occupational/Vocational basic skills.</p> <p>CAN DATA: None</p>	<p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>035 Introduction to Automotive Electricity and Electrical Systems 1.00 - 3.00 hours lecture, .00 hours lab, 1.00 - 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent, or W5/R5/M20. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 054B .</p> <p>This course introduces students to basic automotive electricity and electrical systems. Topics include automotive wiring systems and functions of electrical components.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, Occupational/Vocational basic skills.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed:</p> <p>Renumber (from 54B). <i>Approved</i></p> <p>Change advisory. <i>Approved</i></p> <p>Add limitation on enrollment. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>037 Auto Tech Skills and Career Opportunities 1.00 - 3.00 hours lecture, .00 hours lab, 1.00 - 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent, or W5/R5/M20. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 057 .</p> <p>This course introduces students to the Automotive Technology program at Miramar college. Students also learn about Miramar's relationship with automotive manufacturers, which provides training opportunities within the automotive industry. Students identify the personal skills necessary for successful entry into the program as well as the career opportunities that exist with a certificate and/or degree.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed:</p> <p>Renumber (from 057). <i>Approved</i></p> <p>Change advisory. <i>Approved</i></p> <p>Add limitation on enrollment. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p>
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<p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, Occupational/Vocational basic skills.</p> <p>CAN DATA: None</p>	<p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>054 Engine and Related Systems 1.50 hours lecture, 4.50 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent, or W5/R5/M20. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 114A.</p> <p>This course provides a detailed study of the internal combustion engine. Students learn how to disassemble engines, identify and measure parts, and reassemble engines properly. Students also review engine systems related to fuel, electrical cooling, and lubrication. The course uses Toyota, Chrysler, or Honda specific class materials as well as other current materials.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: ReNUMBER (from 114A). <i>Approved</i> Change advisory. <i>Approved</i> Add limitation on enrollment. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>074 Automatic Transmissions/Axles 2.00 hours lecture, 6.00 hours lab, 4.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent, or W5/R5/M20. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 144.</p> <p>Students learn about the principles and operation of hydraulically and electronically controlled transmissions and transaxles. Topics include hydraulics, components, powerflow, and the development of a systematic approach to diagnosis and repair. Students remove, disassemble, inspect, and rebuild hydraulically and electronically controlled transmissions/transaxles. The course uses Honda, Toyota, or Chrysler-specific class materials as well as other up-to-date materials.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: ReNUMBER (from 144). <i>Approved</i> Change advisory. <i>Approved</i> Add limitation on enrollment. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s):</p>
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<p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Automotive Technology (AUTO)

<p>076 Automotive Brake Systems 2.00 hours lecture, 6.00 hours lab, 4.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and MATH 032 and ENGL 056 , each with a grade of "C" or better, or equivalent, or W5/M20/R5. Limitation on Enrollment: This course is not open to students with previous credit for AUTO 152.</p> <p>Students learn about brake system rebuilding and replacement procedures. Topics include examining and measuring components; machining brake drums and disc rotors; rebuilding wheel cylinders, disc calipers, and master cylinders; bleeding brakes; relining drum/disc brakes; repairing power assist units; and diagnosing automotive brake systems. The course uses Toyota, Honda, or Chrysler-specific class materials as well as other up-to-date materials. This course prepares students for the California Brake Adjuster C license.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed:</p> <p>Renumber (from 152). <i>Approved</i></p> <p>Change advisory. <i>Approved</i></p> <p>Add limitation on enrollment. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Aviation (AVIA)

<p>120 Aviation Management 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 032 , each with a grade of "C" or better, or equivalent.</p> <p>This course introduces students to the major aspects of aviation operations management. Topics include management functions, organization, manpower management and administration, physical operations, financial control, impact of regulations, marketing, profit orientation, leases, community relations, and decision making.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed:</p> <p>Add advisory. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p>
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<p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Effective: Spring 2004</p>
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Biology (BIOL)

<p>130 Human Heredity 3.00 hours lecture, .00 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 with a grade of "C" or better, or equivalent, or W5/R5.</p> <p>This course introduces students to the concepts and applications of human heredity. It deals with both classical Mendelian genetics and modern molecular genetics. Topics include gamete formation, human karyotypes, genetic crosses, sex-linked inheritance, structure and function of DNA and RNA, gene expression, transcription and translation, genetic engineering, and population genetics.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: Mesa, City, Miramar</p> <p>Action(s) Proposed: Change advisory. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education at Miramar. <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Biology (BIOL)

<p>160 Elements of Human Anatomy and Physiology 3.00 hours lecture, 3.00 hours lab, 4.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 with a grade of "C" or better, or equivalent, or W5/R5. Limitation on Enrollment: This course is not open to students with previous credit for BIOL 230 or 235</p> <p>This introductory course in human body structure and functions helps students prepare for health occupations such as radiological technician, physical therapy assistant, medical records technician, and medical laboratory technician. Students learn about the following systems: integumentary, skeletal, muscular, nervous, endocrine, reproductive, cardiovascular, lymphatic, respiratory, excretory, and digestive.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed: <i>Approved with modification (shown in red print).</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education at Miramar.</p> <p>Proposed For College(s): Mesa, Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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to CSU and private colleges and universities. CSU General Education CAN DATA: None	
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Biology (BIOL)

<p>215 Introduction to Zoology 2.00 hours lecture, 6.00 hours lab, 4.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Prerequisite: BIOL 105 and BIOL 106 or BIOL 107 , each with a grade of "C" or better, or equivalent. Advisory: ENGL 056 with a grade of "C" or better, or equivalent, or R5.</p> <p>This is an introductory course that surveys the basic principles of animal biology. These principles include morphology, life processes and evolutionary relationships of the invertebrates and vertebrates. Laboratories include the identification of organisms, dissection and recognition of the anatomy of varied animal representatives, embryological development, histology, behavior and physiology. This course is designed for Biology Majors and for students seeking to satisfy degree requirements in allied health and animal sciences majors. (CAN BIOL 4) CAN BIOL SEQ A=BIOL 107+215+250 BIOL 105+106+215+250.)</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List : Biology (BIOL) 210A, B combined with 215 and 250: maximum credit, one series.</p> <p>CAN DATA: (CAN BIOL, SEQ A, City, Mesa, Miramar) (CAN BIOL 4, City, Mesa, Miramar)</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Change advisory. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2004</p>
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Computer Business Technology (CBTE)

<p>112 Introduction to Windows 98 .75 hours lecture, .75 hours lab, 1.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and CBTE 103 , each with a grade of "C" or better, or equivalent, or W5/R5.</p> <p>This basic course presents an overview of the features of the Microsoft Windows 98 operating system and the components of the Windows 98 active desktop. In this hands-on course students learn to use the Start</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Activation (Currently active at another college) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p>
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<p>menu; create shortcuts; work with Windows 98 accessory programs; open data files; manage disks, folders, and files; and customize the desktop.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Chemistry (CHEM)

<p>*151 Introduction to General Chemistry 3.00 hours lecture, 3.00 hours lab, 4.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 and MATH 095 , each with a grade of "C" or better, or equivalent, or W5/R5/M40. Limitation on Enrollment: This course is not open to students with previous credit for CHEM 152 & 152L</p> <p>A one-semester preparatory course in chemistry consisting of an intensive study of some of the principles of inorganic and physical chemistry that are needed before taking Chemistry 200. Intended for those students majoring in one of the natural sciences, engineering or related curricula, who do not meet the entrance requirements of Chemistry 200.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List : Chemistry (CHEM) 151 and 100, 100L combined: maximum credit, four units.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Deactivation (not at any College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Chemistry (CHEM)

<p>152 Introduction to General Chemistry 3.00 hours lecture, .00 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Corequisite: CHEM 152L . Advisory: ENGL 051 and ENGL 056 and MATH 096 , each with a grade of "C" or better, or equivalent, or W5/R5/M50. Limitation on Enrollment: This course is not open to students with previous credit for CHEM 151</p> <p>This is a one-semester preparatory course in chemistry consisting of an</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Activation (Currently active at another college) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p>
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<p>intensive study of some of the principles of inorganic and physical chemistry that are needed before taking Chemistry 200. Topics include but are not limited to atomic structure, chemical nomenclature, periodicity, chemical equations, stoichiometry, solutions, intermolecular forces, and gas laws. The course emphasizes problem solving and chemical calculations. It is intended for those students majoring in one of the natural sciences, engineering, or related curricula who do not meet the entrance requirements of Chemistry 200.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List : Chemistry (CHEM) 152 and 152L and 100, 100L combined: Maximum credit, four units. No credit for these courses if taken after CHEM 200.</p> <p>CAN DATA: None</p>	<p>Effective: Fall 2003</p>
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Chemistry (CHEM)

<p>152L Introduction to General Chemistry Laboratory .00 hours lecture, 3.00 hours lab, 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Corequisite: CHEM 152 . Advisory: ENGL 051 and ENGL 056 and MATH 096 , each with a grade of "C" or better, or equivalent, or W5/R5/M50. Limitation on Enrollment: This course is not open to students with previous credit for CHEM 151L</p> <p>Chemistry 152L is a one-semester laboratory course intended as the companion course for Chemistry 152. Topics include chemical measurement, significant figures, laboratory safety, and stoichiometry. An emphasis is placed on problem solving, data analysis and chemical calculations. It is intended for those students majoring in one of the natural sciences, engineering or related curricula who do not meet entrance requirements of Chemistry 200.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities; CSU General Education; IGETC; UC Transfer Course List : Chemistry (CHEM) 152, 152L and 100, 100L combined: Maximum credit, four units.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Course Activation (Currently active at another college) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Fall 2003</p>
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Cosmetology (COSM)

<p>70LA Intermediate Cosmetology Lab IIA .00 hours lecture, 10.50 hours lab, 3.50 units Grade Only</p> <p>REQUISITES: Prerequisite: COSM 060L ; or COSM 60LA & COSM 60LB , each with a grade of "C" or better, or equivalent. Corequisite: Completion of or concurrent enrollment in COSM 060 or COSM 070 or COSM 081 , each with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for COSM 130 or 130A or 70L</p> <p>This course is an introduction to the basic laboratory fundamentals of chemicals and hair design and covers the first half of COSM 70L. Course content includes basic procedures of hair coloring, permanent waving, soft curl permanent waving, chemical straightening, and thermal pressing and curling. A review of the topics from COSM 60L is included to maintain subject matter mastery and to prepare students for client services. Emphasis is placed on preparing students for 80L or 80LA and 80LB and the California State Bureau of Barbering and Cosmetology examination.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change hours and units. <i>Approved</i> Add corequisite. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
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Dramatic Arts (DRAM)

<p>*120 Dramatic Heritage 3.00 hours lecture, .00 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>Survey of dramatic literature from classical to modern period, including classical, medieval, Renaissance, Restoration, neoclassical, romantic, realistic and modern plays. Attendance at selected performances.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Deactivation (not at any College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Journalism (JOUR)

<p>210B Journalism Workshop II .00 hours lecture, 6.00 - 9.00 hours lab, 2.00 - 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Prerequisite: JOUR 210A with a grade of "C" or better, or equivalent.</p> <p>This course is designed to provide additional ongoing experience in the production and publication of a student newspaper. Emphasis is placed on helping students progress in the gathering and writing of news and features. This class provides exposure to the journalistic process beyond the entry level and guides students to polish reporting, newswriting, editing, design, and photography skills, tackle more complex subjects, and assume more responsibility for the design of their own pages. Students continue to develop research skills and engage in the evaluation and analysis of information and are guided by ongoing advice, criticism and evaluation from a faculty adviser. Students enrolled in the course for 2 units are expected to participate in the production of the student newspaper for at least 6 hours per week, while students enrolled in the course for 3 units are expected to participate at least 9 hours and contribute more extensively to the layout and/or production of the paper.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed:</p> <p>Change course title. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Mesa, Miramar, City</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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Journalism (JOUR)

<p>210C Journalism Workshop III .00 hours lecture, 6.00 - 9.00 hours lab, 2.00 - 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Prerequisite: JOUR 210B with a grade of "C" or better, or equivalent.</p> <p>This course is designed to provide additional ongoing experience in the production and publication of a student newspaper. Emphasis is placed on helping students progress to an intermediate level in the gathering and writing of news and features. Students conduct in-depth reporting and write more sophisticated news stories and may also serve as section editors or assist editors with copy editing, assignments, photography, the news budget, and design. Additionally students develop skill in setting newspaper policies, mentoring others, working in teams, and uncovering news stories. Students are guided by ongoing advice, criticism, and evaluation from a faculty adviser. Student enrolled in the course for 2 units are expected to participate in the production of the student newspaper for 6 hours per week, while students enrolled for 3 units are expected to participate at least 9 hours per week, and contribute more extensively to the layout and production of the paper.</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed:</p> <p>Change course title. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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<p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	
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Journalism (JOUR)

<p>210D Journalism Workshop IV .00 hours lecture, 6.00 - 9.00 hours lab, 2.00 - 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Prerequisite: JOUR 210C with a grade of "C" or better, or equivalent.</p> <p>This course is designed to provide additional ongoing experience in the production and publication of a student newspaper. Emphasis is placed on helping students progress to an advanced level in the gathering and writing of news and features. In addition to reporting and writing, students at this level, assume responsibility for organizing and managing the newsroom, which includes conducting story conferences, developing the news budget, assigning stories, coaching reporters, and editing and designing the paper in its entirety. Students may also make photo assignments and provide coaching for novice photographers. Students are guided by ongoing advice, criticism and evaluation from a faculty adviser. Students enrolled in the course for 2 units are expected to participate in the production of the student newspaper for 6 hours per week, while students enrolled for 3 units are expected to participate at least 9 hours per week and contribute extensively to the layout and production of the paper.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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Mathematics (MATH)

<p>210A Concepts of Elementary School Mathematics I 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: MATH 096 with a grade of "C" or better, or equivalent, or M50. Advisory: ENGL 101; or ENGL 105, each with a grade of "C" or better, or equivalent, or W6/R6.</p> <p>This course is a study of the mathematical concepts needed for teaching</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Change grading option. <i>Approved</i> Change advisory. <i>Approved</i> Change course description.</p>
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*Requires Board of Trustees approval prior to implementation.

<p>elementary school mathematics with emphasis on number and function. This course promotes an appreciation of the importance of logical thinking and applications of mathematics in problem solving and critical thinking. It studies the basic computational skills, but also requires the understanding and explanation of the basic mathematical concepts and the connections between them. It is designed especially for students preparing for credentials in elementary education. Analytical reading and problem solving are required for success in this course.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; UC Transfer Course List : Mathematics (MATH) 210A and 210B combined: maximum credit, one course.</p> <p>CAN DATA: (CAN MATH 4, City, Mesa)</p>	<p><i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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Mathematics (MATH)

<p>210B Concepts of Elementary School Mathematics II 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: MATH 210A with a grade of "C" or better, or equivalent. Advisory: ENGL 101; or ENGL 105, each with a grade of "C" or better, or equivalent, or W6/R6.</p> <p>This course is a study of the mathematical concepts needed for teaching elementary school mathematics with emphasis on geometry, measurement, probability and statistics. This course also promotes an appreciation of the importance of logical thinking and applications of mathematics in problem solving and critical thinking. It studies the understanding and explanation of the basic mathematical concepts and the connections between them. It is designed especially for students preparing for credentials in elementary education. Analytical reading and problem solving are required for success in this course.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; UC Transfer Course List : Mathematics (MATH) 210A and 210B combined: maximum credit, one course.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed</p> <p>Change grading option. <i>Approved</i></p> <p>Change advisory. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Proposed For College(s): Mesa, Miramar, City</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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Mecomtronics (MCTR)

<p>*203 Telecommunications 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: MCTR 201A & MCTR 202A & MATH 183 , each with a grade of "C" or better, or equivalent.</p> <p>This course focuses on telecommunications and networking for students in the Engineering Technology Mecomtronics program. The course provides students with a background in the theory of telecommunications and hands-on experience installing and administrating a network. Students learn technical characteristics of telecommunications such as protocols, transmission characteristics, data representation, carrier techniques, and multiplexing. Students evaluate and select network components; install network hardware, software and cabling; troubleshoot network malfunctions; and perform network administration tasks.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Reactivation (not currently active at any College). <i>Approved</i></p> <p>Add prerequisite. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2003</p>
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Music (MUSI)

<p>120 Beginning Voice Class 1.50 hours lecture, 1.50 hours lab, 2.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 with a grade of "C" or better, or equivalent, or W5/R5. Limitation on Enrollment: This course is not open to students with previous credit for MUSI 120A</p> <p>Beginning Voice Class is an introductory study of efficient vocal production and performance. Beginning exercises for breath management, extending the vocal range, increasing vocal resonance and volume, and singing in an expressive manner are introduced. Vocal exercises and solos are performed to demonstrate these skills. Choral singers, all music majors and students considering music as a major benefit from this class.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: <i>Approved with modification (shown in red print).</i></p> <p>New course.</p> <p><u>Renumber course (from 120A).</u> <i>Approved</i></p> <p>Change hours and units. <i>Approved</i></p> <p>Add advisory. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Activate at Miramar. <i>Approved</i></p> <p>Proposed For College(s):</p>
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	<p>Mesa, City, Miramar</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2004</p>
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Music (MUSI)

<p>230A Jazz Improvisation .00 hours lecture, 3.00 hours lab, 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>A comprehensive study of the techniques and literature of improvisation with an emphasis of jazz improvisation and interpretation. Analysis and practical application of chord progressions used in jazz.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Music (MUSI)

<p>230B Jazz Improvisation .00 hours lecture, 3.00 hours lab, 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>A comprehensive study of the techniques and literature of improvisation with an emphasis of jazz improvisation and interpretation. Analysis and practical application of chord progressions used in jazz.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Music (MUSI)

<p>253A Ensembles .00 hours lecture, 3.00 - 9.00 hours lab, 1.00 - 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: MUSI 150A with a grade of "C" or better, or equivalent.</p> <p>Music 253A is the study and performance of selected ensemble works. After audition each student is assigned to a like ensemble. These ensembles will be organized to meet the technical and aesthetic needs of the student. Special training will be given in ensemble technique and current performance practices.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed: Course Deactivation (active at another College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Physical Education (PHYE)

<p>126 Golf .00 hours lecture, 2.00 - 3.00 hours lab, .50 - 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>This course provides golf instruction and practice in the fundamentals of grip, stance, alignment, backswing, and downswing. Topics also include stretching and principles of warm-up, golf club selection and use, player guidelines, scoring, game etiquette, and safety procedures. The course emphasizes the "one basic golf swing" theory and includes extensive practice and play at local courses. This course may be taken four times for credit.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List: See a counselor.</p> <p>CAN DATA: None</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed: <i>Approved with modification (shown in red print).</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p><u>Activate at City.</u> <i>Approved</i></p> <p>Proposed For College(s): Miramar, Mesa, <u>City</u></p> <p>Originating Campus: Miramar, Mesa</p> <p>Effective: Spring 2004</p>
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Physical Education (PHYE)

<p>154 Fitness Walking .00 hours lecture, 2.00 - 3.00 hours lab, .50 - 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>This course covers the skills necessary to improve aerobic fitness and cardiovascular health through walking, with comprehensive instruction in fitness principles and walking techniques. Topics include general fitness information, stretching and principles of warm-up, walking techniques, principles of conditioning, training zones, and cool-down periods. This course may be taken four times for credit.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List: See a counselor.</p> <p>CAN DATA: None</p>	<p>Offered At: Mesa, Miramar</p> <p>Action(s) Proposed:</p> <p>Change course title. <i>Approved</i></p> <p>Change hours and units. <i>Approved</i></p> <p>Change grading option. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): Miramar, Mesa</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Physical Education (PHYE)

<p>168 Yoga .00 hours lecture, 2.00 - 3.00 hours lab, .50 - 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056, each with a grade of "C" or better, or equivalent, or W5/R5.</p> <p>This course is an introduction to basic yoga practices and principles. Instruction includes yoga postures, guided relaxations, and breathing practices. The benefits of yoga include increased flexibility, strength, balance, and body awareness as well as stress reduction. This course is designed for students interested in health and longevity. This course may be taken four times for credit. Students must demonstrate increased proficiency and skill attainment with each repetition. When this course is offered for three hours per week, the additional time is utilized for the practice of postures.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; UC Transfer Course List</p> <p>CAN DATA: None</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: Course Reactivation (not currently active at any College). <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Propose for CSU GE, Area E, <i>Lifelong Understanding and Self Development. Approved</i></p> <p>Propose for UC Transfer List. <i>Approved</i></p> <p>Proposed For College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Spring 2004</p>
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Physical Education (PHYE)

<p>245 Sports Officiating - Fall Sports 2.00 hours lecture, 3.00 hours lab, 3.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: None</p> <p>Theory and practice in the techniques of officiating highly organized athletic activities. Football, basketball and wrestling are offered to provide the knowledge and skills necessary for the regulation of each activity. Includes rules, strategy, and techniques employed by officials. Practical experience is gained through the lab sessions.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. UC Transfer Course List: See a counselor.</p> <p>CAN DATA: None</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Deactivation (not at any College) <i>Approved</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>060A Level I Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Limitation on Enrollment: This course is not open to students with previous credit for SHEE 105 or 301A</p> <p>This course introduces the Sheet Metal/HVAC trade. Topics include the tools of the trade, safety practices, trade mathematics, blueprints and drawings, and basic rigging.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change grading option. <i>Approved</i> Remove advisory. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>060B Level I Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 060A or SHEE 301A with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 110 or 301B</p> <p>This course continues the introductory level of Sheet Metal and HVAC trades. Topics include intermediate math, duct and air distribution theory and installation, welding concepts, insulation, and electricity related to the HVAC trade.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>065A Level II Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 060B or SHEE 301B with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 115 or 302A</p> <p>This course is an intermediate level introduction to the concepts of cooling and sheet metal layout. Topics include layout and line development, mathematics and measurements used in the trade, bend allowances and triangulation.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>065B Level II Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 065A or SHEE 302A with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 120 or 302B</p> <p>This course covers intermediate heating and metering. Topics also include basic electronics, metering devices, compressors, heat pumps, and leak detection, evacuation, recovery and charging.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Change course title. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>070A Level III Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 065B or SHEE 302B with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 125 or 304A</p> <p>This course covers intermediate blueprints and specifications for HVAC ductwork. Topics include Sheet Metal and Air Conditioning Contractors of North America (SMACNA) Manuals, duct and fabrication standards, gutters and downspouts, roof flashing, and principles of air flow.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Change course title. <i>Approved</i></p> <p>Change course description. <i>Approved</i></p> <p>Integrate outline. <i>Approved</i></p> <p>Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>070B Level III Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 070A or SHEE 304A with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 130 or 304B</p> <p>This course covers advanced blueprint reading and system design. Topics also include indoor air quality, types of duct systems, and field measuring and fitting.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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Sheet Metal (SHEE)

<p>075A Level IV Sheet Metal/HVAC 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: SHEE 070B or SHEE 304B with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for SHEE 135 or 305A</p> <p>This course covers advanced HVAC and Sheet Metal applications. Topics include system start-up and shut-down, commercial and industrial refrigeration systems, hydronic heating and cooling systems, and how to design fume and exhaust systems per OSHA and ACGHI standards.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course title. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i> Distance education. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
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DISTANCE EDUCATION (FOR INFORMATION ONLY)

Chemistry (CHEM)

<p>100L Fundamentals of Chemistry Laboratory .00 hours lecture, 3.00 hours lab, 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Corequisite: CHEM 100 . Advisory: ENGL 051 and ENGL 056 and MATH 095 , each with a grade of "C" or better, or equivalent, or W5/R5/M40.</p> <p>A laboratory course designed to illustrate the principles presented in Chemistry 100. Acquaints the student with common laboratory equipment and data collection.</p> <p>FIELD TRIP REQUIREMENTS: Not required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities. CSU General Education; IGETC; UC Transfer Course List : Chemistry (CHEM) 100, 100L and 151 combined: maximum credit, four units.</p> <p>CAN DATA: (CAN CHEM, SEQ B, City, Mesa) (CAN CHEM 6, City, Mesa, Miramar)</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Distance Learning - No Other Action <i>Reviewed</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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Library Science (LIBS)

<p>101 Information Literacy and Research Skills 1.00 hours lecture, .00 hours lab, 1.00 units Letter Grade, Student may petition for Credit/No Credit</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056 with a grade of "C" or better, or equivalent, or W5/R5.</p> <p>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.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	<p>Offered At: City, Mesa, Miramar</p> <p>Action(s) Proposed: Distance Learning - No Other Action <i>Reviewed</i></p> <p>Proposed For College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Spring 2004</p>
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PROGRAM CHANGES

(Note: To view from *Proposals* screen, click *Program Search* button, scroll down to program name, then option title, if appropriate, and click *PR* icon.)

Business Studies, City

Add new program option, Business Administration – Cox, effective Spring 2003 (**Program ID 856**) *Approved*

Certificates of Completion

Add *Communication*, 15 units. *Approved*

Add *Introduction to Telecommunications*, 12 units. *Approved*

Associate in Science

Add Business Administration Emphasis - Cox, 37 units. *Approved*

*Add Certificate of Completion, *Outlook* (2 units), to *Computer Technology, Software Applications Emphasis*, effective Fall 2004. (**Program ID 720**) *Approved*

Revise *Supervision* option, effective Fall 2004 (**Program ID 794**)

Certificates of Completion

Add SPEE 135 (3 units) to *Business Management and Organization*. *Approved*

Remove BUSE 140 (3 units) and CISC 110 (2 units) from *Supervision 1*. *Approved*

Add SUPR 115 (3 units) and SUPR 170 (3 units) to *Supervision 1*. *Approved*

Increase total units of *Supervision 1* from 11 to 12. *Approved*

Deactivate Basic Business Skills (7 units), Supervision 2 (9 units), and Supervision 3 (10 units). *Approved*

Associate in Science

Remove BUSE 92 (3units) and CBTE 101 (1unit) from *Supervision*. *Approved*

Reduce total units from 61 to 57. *Approved*

***Visual and Performing Arts, City, effective Fall 2004 (Program ID 863)**

Associate in Science

Remove PHOT 100 (3 units) and 105 (3 units) from restricted electives.

Add ARTF 126, 144, 149, 206, and PHOT 100 and 105 to recommended electives.

Reduce total units from 36 to 33.