

**Curriculum Instructional Council
Actions Approved – November 13, 2008**

Administration Of Justice (ADJU)

<p>102 Criminal Law I</p> <p style="text-align: right;">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course introduces students to the scope and source of criminal law and classification of crimes. It covers types of intent, capacity to commit crimes, legal defenses, parties to crime, laws of arrest, offenses against the public peace, types of assault, and constitutional background.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p> <p>CAN DATA: CAN AJ 4 (Miramar)</p>	<p>Offered At: City, Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>General Education Texts</i></p> <p>Approved</p> <p>Proposed for College(s): City, Miramar</p> <p>Originating Campus: Miramar</p> <p><i>This course is being proposed at City and Miramar for:</i> CSU General Education: D0 Area D. Social, Political and Economic Institutions and Behavior, Historical Background - Sociology and Criminology District General Education: D Social and Behavioral Sciences IGETC: Area 4. Social and Behavioral Sciences -4J: Sociology & Criminology</p> <p><i>This course is being proposed at City and Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p>
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Administration Of Justice (ADJU)

<p>106 Diversity and Community Relations</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course offers students the opportunity to analyze and effectively manage face-to-face street contact between peace officers and the public. Subject matter emphasizes the major cultural groups in California and the community relations problems facing law enforcement personnel.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>General Education Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p><i>This course is being proposed at Miramar for:</i> CSU General Education: <i>D0 Area D. Social, Political and Economic Institutions and Behavior, Historical Background-Sociology and Criminology</i> District General Education: <i>D Social and Behavioral Sciences</i> District Multicultural Requirement IGETC: Area 4. Social and Behavioral Sciences - 4J: <i>Sociology & Criminology</i></p> <p><i>This course is being proposed at Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p>
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Administration Of Justice (ADJU)

<p>190 Legal Aspects of Corrections</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course covers the historical framework, concepts, and precedents that guide correctional practice. Topics include the corrections environment, prisoners' civil rights, and responsibilities and liabilities of corrections staff.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Corequisite (Removed)</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Fall 2009</p>
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Administration Of Justice (ADJU)

<p>193 Concepts of Criminal Law</p> <p style="text-align: right;">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course provides an overview of criminal law and its relationship to the administration of justice system. Students examine criminal statutes and criminal law in the correctional setting. They also explore crimes against persons, property, and the state.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>General Education</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p><i>This course is being proposed at Miramar for:</i></p> <p><i>CSU General Education: D0 Area D. Social, Political and Economic Institutions and Behavior, Historical Background - Sociology and Criminology</i></p> <p><i>District General Education: D Social and Behavioral Sciences</i></p> <p><i>IGETC: Area 4. Social and Behavioral Sciences - 4J: Sociology & Criminology</i></p> <p><i>This course is being proposed at Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p>
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Administration Of Justice (ADJU)

<p>230 Constitutional Law I</p> <p style="text-align: right;">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES:</p> <p><i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5.</p> <p>This course introduces students to the sources and limitations of government power contained in the U. S. Constitution. Students examine the contemporary interpretation and application of the Constitution as well as the historical underpinnings. The course explores how the U.S. Supreme Court has interpreted and applied the Constitution in the on-going effort to balance power in the following arenas: among branches of the federal government, between the federal government and states, and between the government and individual citizen.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>General Education Texts</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p><i>This course is being proposed at Miramar for:</i></p> <p><i>CSU General Education: D8 Area D. Social, Political and Economic Institutions and Behavior, Historical Background - Political Science, Government, and Legal Institutions</i></p> <p><i>District General Education: D Social and Behavioral Sciences</i></p> <p><i>IGETC: Area 4. Social and Behavioral Sciences - 4H: Political Science, Government & Legal Institutions</i></p> <p><i>This course is being proposed at Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p>
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Administration Of Justice (ADJU)

<p>350 Weapons and Safety Training for Probation Officers 29 hours lecture (total), 135 hours lab (total), 4 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Administration of Justice 356A with a grade of "C" or better, or equivalent. This course provides weapons and safety training for armed Probation staff assigned to special operations, intensive supervision, or home supervision. Students must have successfully completed a P.O.S.T. approved P.C. Laws of Arrest course. Subjects include legal update liability, shooting skills, deadly force, survival skills, and chemical agents. Students who successfully complete the course satisfy the firearms requirement for peace officers pursuant to Penal Code section 832.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: Miramar</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review Course Description Critical Thinking Assignments Hours Change Methods of Evaluation Methods of Instruction Outline of Topics Outside Assignments Reading Assignments Student Learning Objectives Supplies Texts Writing Assignments</i></p> <p>Approved</p> <p>Proposed for College(s): Miramar</p> <p>Originating Campus: Miramar</p> <p>Effective: Summer 2009</p>
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Architecture (ARCH)

<p>190 Environmental Design II: Urban and Community Design 3 hours lecture, 6 hours lab, 5 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. Architecture 155 with a grade of "C" or better, or equivalent. This course is a study of the basic principles of design, composition and design process in the creation of urban and community spaces. Emphasis is placed on involving students in real design projects within the community and developing business communication skills. Participation in job shadowing with an industry professional is required. This course is designed for any student interested in environmental design.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review Advisory (New) Course Description Critical Thinking Assignments Entry Skills/Knowledge to Enter Course Methods of Evaluation Methods of Instruction Outline of Topics Outside Assignments Reading Assignments Student Learning Objectives Supplies Texts Writing Assignments</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Summer 2009</p>
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Architecture (ARCH)

<p>226 Architectural Theory</p> <p style="text-align: right;">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 101 or English 105, with a grade of "C" or better, or equivalent, or Assessment Skill Levels W6 and R6. This course examines the theory of contemporary architectural design. Emphasis is placed on comparisons between architectural theory and current practice in the region. Students interview a local architect and present a critique of that architect's work to the class comparing and contrasting it with the theoretical information presented throughout the semester. This class is designed for architecture majors and anyone interested in architectural theory and practice.</p> <p>FIELD TRIP REQUIREMENTS: Required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Field Trip</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i></p> <p>Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Chemistry (CHEM) Tabled for discussion at the 12/11/2008 CIC meeting

<p>* 110 Chemistry in Society</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. Chemistry 110L with a grade of "C" or better, or equivalent. This is an introductory chemistry course for non-science majors. The course emphasizes conceptual topics in chemistry and scientific thinking. Students learn to understand how society uses chemistry-based technologies and how to analyze current trends or news involving chemistry. Topics include a basic understanding of matter and energy, physical and chemical changes, the atom, nuclear chemistry, bonding, acids and bases, organic chemistry, and biochemistry. Current issues in environmental chemistry such as energy resources, air and water pollution are explored. Students discuss the effects and controversy surrounding the use of different forms of energy. In addition, current issues in organic and biochemistry are examined including trends in diets, certain medicines and drugs, and personal care items. Students planning on taking further courses in chemistry should take Chemistry 100 or Chemistry 152.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p>Dist. Ed Proposed For College(s): Mesa</p> <p><i>This course is being proposed at City, Mesa and Miramar for:</i> CSU General Education: <i>B1 Area B. Physical Universe and its Life Forms - Physical Science</i> District General Education: <i>B2 Natural Sciences - Physical Sciences</i> IGETC: Area 5. Physical and Biological Sciences - Physical Science Lecture only (non-sequence)</p> <p><i>This course is being proposed at City, Mesa and Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p> <p>Tabled for discussion at the 12/11/2008 CIC meeting</p>
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**Curriculum Instructional Council
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Chemistry (CHEM) Tabled for discussion at the 12/11/2008 CIC meeting

<p>* 110L Chemistry in Society Laboratory</p> <p align="right">3 hours lab, 1 unit Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in:</i> Chemistry 110 with a grade of "C" or better, or equivalent. <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This laboratory course is intended for non-science majors. It is designed to illustrate the principles of chemistry presented in Chemistry 110 in order for the student to understand how chemistry is used in our society. Experiments explore not only basic concepts in chemistry such as matter, energy, and the atom, but also explore real world applications of chemistry. This includes performing experiments related to the chemistry of the environment, household products, and biochemistry. Students learn how to work safely within the laboratory. Students that need to take further chemistry courses should enroll in Chemistry 152L or Chemistry 100L.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course</p> <p>Proposed for College(s): City, Mesa, Miramar</p> <p>Originating Campus: Mesa</p> <p><i>This course is being proposed at City, Mesa and Miramar for:</i> CSU General Education: <i>B3 Area B. Physical Universe and its Life Forms - Laboratory Activity</i> District General Education: <i>B2 Natural Sciences - Physical Sciences</i> IGETC: Area 5. Physical and Biological Sciences - Physical Science Laboratory only (non-sequence)</p> <p><i>This course is being proposed at City, Mesa and Miramar for UC transfer course list.</i></p> <p>Effective: Fall 2009</p> <p align="center">Tabled for discussion at the 12/11/2008 CIC meeting</p>
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Computer And Information Sciences (CISC)

<p>187 Data Structures and Object-Oriented</p> <p align="right">3 hours lecture, 3 hours lab, 4 units Grade Only</p> <p>This course introduces students to the topic of data structures and object-oriented software engineering. It covers basic data structures such as collections and linked structures (e.g. stacks, queues, lists, arrays, trees, and hashes) from the perspective of object-oriented implementation. It discusses issues of object-oriented analysis, design, and implementation in popular programming languages such as C++, C#, and Java.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities. UC Transfer Course List.</p>	<p>Offered At: City, Mesa</p> <p>Action(s) Proposed: Distance Learning - No Other Action</p> <p>Reviewed</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Dist. Ed Proposed For College(s): City</p> <p>Effective: Summer 2009</p>
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Electronic Systems (ELDT)

<p>* 225 Microcontrollers</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in:</i> Electronic Systems 123, 124 and 225L, each with a grade of "C" or better, or equivalent. <i>Advisory:</i> Mathematics 107 with a grade of "C" or better, or equivalent. This course focuses on the fundamentals of both the hardware and software aspects of the microcontroller. Typical devices that are connected to the microcontroller are: switches, light emitting diodes, seven segment displays, stepper motors and a matrix keypad. An engineering evaluation board is used as the development system for the controller. Structured programming and flow charts are emphasized. Code is written in assembly language, compiled and then downloaded to the controller. This course is intended for students majoring in Engineering Technology.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2009</p>
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Electronic Systems (ELDT)

<p>* 225L Microcontrollers Laboratory</p> <p align="right">4.5 hours lab, 1.5 units Grade Only</p> <p>REQUISITES: <i>Corequisite: Completion of or concurrent enrollment in:</i> Electronic Systems 123L, 124L and 225, each with a grade of "C" or better, or equivalent. This laboratory demonstrates microcontroller applications. The course emphasizes microcontroller construction, design, programming and troubleshooting. Students conduct the laboratory with a software development kit (SDK) and microcontroller trainer equipment.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: NONE</p> <p>Action(s) Proposed: New Course <i>Approved</i></p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2009</p>
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Fashion (FASH)

<p>110 Fashion Buying/Management</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56 and Mathematics 35, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5 and M30. This course is a study of buying for a variety of retail concerns. Emphasis is placed on the role of the buyer in maximizing sales, managing inventories, negotiating with vendors, and creating customer satisfaction through providing desired merchandise assortments. Topics also include the principles of retail accounting as they apply to the role of the buyer. This course is designed for fashion merchandising and business students and anyone interested in exploring retail buying as a career.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/ Knowledge to Enter Course</i> <i>Field Trip</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Summer 2009</p>
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Fashion (FASH)

<p>160 Millinery Techniques</p> <p align="right">1 hour lecture, 1 unit Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent or Assessment Skill Levels W5 and R5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for FASH 265: Beginning Millinery. This course is a study of millinery design. Emphasis is placed on the use of millinery techniques to create a brimless hat. This course is for all students preparing for a career in the fashion industry, costume design, or millinery or anyone interested in hat making.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Field Trip</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Title Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2009</p>
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*Requires Board of Trustees approval prior to implementation

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Fashion (FASH)

<p>161 Millinery Flat Pattern Design</p> <p align="right">1 hour lecture, 1 unit Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fashion 265: Intermediate Millinery. This course is a study of millinery design through flat pattern making. Students learn to design and construct hats by utilizing a pattern to create a variety of styles. This course is designed for students preparing for a career in the fashion industry, costume design or millinery, and any student interested in hat making.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Field Trip</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Title Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2009</p>
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Fashion (FASH)

<p>162 Millinery Blocking</p> <p align="right">1 hour lecture, 1 unit Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Fashion 265: Advanced Millinery. This course is a study of millinery design through blocking techniques. Students construct an original hat design using the blocking techniques. This course is designed for students preparing for a career in the fashion industry, costume design, or millinery and anyone interested in hat making.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Field Trip</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Title Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2009</p>
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History (HIST)

<p>130 The Modern Middle East</p> <p align="right">3 hours lecture, 3 units Letter Grade or Credit/No Credit Option</p> <p>REQUISITES: <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent, or Assessment Skill Levels W6 and R6. This course is a survey of modern Middle Eastern history from the Nineteenth Century to the present. Emphasis is placed on analyzing modern Middle Eastern historical events and processes within a global context. Topics include the historical development and role of Islam in the region, the 'decline' and dismemberment of the Ottoman Empire, imperialism, Arab independence movements, the Israeli-Palestinian conflict, the resurgence of Islam and the role of the United States in the region. This course is intended for history majors and all students interested in the contemporary Middle East.</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.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Advisory (Change)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/ Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Title Change</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Fall 2009</p>
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Marketing (MARK)

<p>105 Professional Selling</p> <p align="right">3 hours lecture, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5. This course is a study of the principles of sales and selling. Emphasis is placed on the role of human relations in the processes of selling products, services and ideas. Topics include sales techniques, including opening the sale, discovering the needs and wants of the client, addressing objections and closing the sale. Students develop and deliver written and oral sales presentations. This course is designed for students majoring in marketing and anyone interested in the sales profession.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and/or private colleges and universities.</p>	<p>Offered At: Mesa</p> <p>Action(s) Proposed: Course Integration (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Supplies</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): Mesa</p> <p>Originating Campus: Mesa</p> <p>Effective: Summer 2009</p>
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Actions Approved – November 13, 2008**

Sheet Metal (SHEE)

<p>60A Level I Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56 and Mathematics 35, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5 and M30. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 301A or 105. This course is an introduction the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include the tools of the trade, safety practices, trade mathematics, blueprints and drawings, and basic rigging. This course is designed for students planning a career in the Sheet Metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>60B Level I Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 60A or 301A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 110 or 301B. This course is a continuation of Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades at the introductory level. Topics include intermediate math, duct and air distribution theory and installation, welding concepts, insulation, and electricity related to the HVAC trade. This course is designed for students planning a career in the Sheet Metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
Actions Approved – November 13, 2008**

Sheet Metal (SHEE)

<p>65A Level II Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 60B or 301B, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 115 or 302A. 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. This course is designed for students planning a career in the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>65B Level II Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 65A or 302A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 120 or 302B. This course is an intermediate study of heating and metering for the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include basic electronics, metering devices, compressors, heat pumps, and leak detection, evacuation, recovery and charging. This course is designed for students planning a career in the Sheet Metal/HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>70A Level III Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 65B with a grade of "C" or better, or equivalent or Sheet Metal 302B with a grade of "C" or better, or equivalent <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 125 or 304A. This course is an intermediate level study of blueprints and specifications for Heating, Ventilation and Air Conditioning (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. This course is designed for students majoring in the sheet metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>70B Level III Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 70A or 304A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 130 or 304B. This course is an advanced study of blueprint reading and system design for the sheet metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include indoor air quality, types of duct systems, and field measuring and fitting. This course is designed for students majoring in the sheet metal and HVAC trades.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Outline of Topics</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>75A Level IV Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 70B or 304B, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 135 or 305A. This course covers advanced Heating, Ventilation and Air Conditioning (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 Occupational Safety and Health Administration (OSHA) and American Conference of Governmental Industrial Hygienists (ACGIH) standards. This course is designed for students planning a career in the Sheet Metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>75B Level IV Sheet Metal/HVAC</p> <p align="right">2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Prerequisite:</i> Sheet Metal 75A or 305A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> This course is not open to students with previous credit for Sheet Metal 305B. This course covers advanced Heating, Ventilation and Air Conditioning (HVAC) troubleshooting and Sheet Metal roofing. Topics include troubleshooting and repair of gas and electric heating systems, cooling systems, heat pumps, and electronic controls, as well as system balancing. Sheet Metal topics include metal roof system applications and installation. This course is designed for students planning a career in the Sheet Metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>301A Level 1 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> English 51 and English 56 and Mathematics 35, each with a grade of "C" or better, or equivalent, or Assessment Skill Levels W5 and R5 and M30. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 60A or 105. This course is an introduction the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include the tools of the trade, safety practices, trade mathematics, blueprints and drawings, and basic rigging. This course is designed for apprentices in Sheet Metal/HVAC.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>301B Level 1 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 301A or 60A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 60B or 110. This course is a continuation of Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades at the introductory level. Topics include intermediate math, duct and air distribution theory and installation, welding concepts, insulation, and electricity related to the HVAC trade. This course is designed for apprentices in the Sheet Metal and HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>302A Level 2 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 60B or 301B, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 65A or 115. 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. This course is designed for apprentices in the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>302B Level 2 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 65A or 302A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 65B or 120. This course is an intermediate study of heating and metering for the Sheet Metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include basic electronics, metering devices, compressors, heat pumps, and leak detection, evacuation, recovery and charging. This course is designed for apprentices in the Sheet Metal/HVAC fields.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>304A Level 3 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 65B or 302B, each with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 70A or 125. This course is an intermediate level study of blueprints and specifications for Heating, Ventilation and Air Conditioning (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. This course is designed for apprentices in the sheet metal and HVAC trades.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Student Learning Objectives</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>304B Level 3 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 70A or 304A, with a grade of "C" or better, or equivalent <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 70B or 130. This course is an advanced study of blueprint reading and system design for the sheet metal and Heating, Ventilation and Air Conditioning (HVAC) trades. Topics include indoor air quality, types of duct systems, and field measuring and fitting. This course is designed for apprentices in the sheet metal and HVAC trades.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outline of Topics</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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**Curriculum Instructional Council
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Sheet Metal (SHEE)

<p>305A Level 4 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 70B or 304B, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 75A or 135. This course covers advanced Heating, Ventilation and Air Conditioning (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 Occupational Safety and Health Administration (OSHA) and American Conference of Governmental Industrial Hygienists (ACGIH) standards. This course is designed for apprentices in Sheet Metal/HVAC.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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Sheet Metal (SHEE)

<p>305C Level 4 Sheet Metal/HVAC Apprenticeship 2 hours lecture, 3 hours lab, 3 units Grade Only</p> <p>REQUISITES: <i>Advisory:</i> Sheet Metal 75A or 305A, with a grade of "C" or better, or equivalent. <i>Limitation on Enrollment:</i> Apprenticeship - Student must be a state registered apprentice in this trade. This course is not open to students with previous credit for Sheet Metal 75B. This course covers advanced Heating, Ventilation and Air Conditioning (HVAC) troubleshooting and Sheet Metal roofing. Topics include troubleshooting and repair of gas and electric heating systems, cooling systems, heat pumps, and electronic controls, as well as system balancing. Sheet Metal topics include metal roof system applications and installation. This course is designed for apprentices in Sheet Metal/HVAC.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit only and not Transferable.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Course Revision (May Include Activation) <i>Six Year Review</i> <i>Advisory (New)</i> <i>Course Description</i> <i>Critical Thinking Assignments</i> <i>Entry Skills/Knowledge to Enter Course</i> <i>Methods of Evaluation</i> <i>Methods of Instruction</i> <i>Outside Assignments</i> <i>Reading Assignments</i> <i>Texts</i> <i>Writing Assignments</i> Approved</p> <p>Proposed for College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Summer 2009</p>
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