

Curriculum Instructional Council, October 9, 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.

Air Conditioning, Refrigeration, And Environmental Control Technology (AIRE)

<p>103 Thermal/Refrigeration Lab .00 hours lecture, 6.00 hours lab, 2.00 units Grade Only</p> <p>REQUISITES: Advisory: Completion of or concurrent enrollment in AIRE 100 with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for ENVT 103</p> <p>This course is a hands-on, project-oriented study of the tooling, materials, methods and equipment used in Heating, Ventilation and Air Conditioning (HVAC) and refrigeration. Emphasis is placed on projects related to heat transfer and saturation, system evacuation, charging, leak testing and use of precision instruments.</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</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): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
---	--

Air Conditioning, Refrigeration, And Environmental Control Technology (AIRE)

<p>122 Cost Estimating/Blueprints 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Corequisite: Completion of or concurrent enrollment in AIRE 123 with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for ENVT 122</p> <p>This course is a study of the generation, reading and interpretation of blueprints from initial concepts to actual construction. Emphasis is placed on how the Heating, Ventilation and Air Conditioning (HVAC) area is integrated into the construction business structure. Course content includes architectural, mechanical, electrical and plumbing blueprints, and also covers job planning, sources and use of pricing guidelines, municipal, county, state and federal codes, energy impact statements, specifications and computer software used for estimating.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Add corequisite. <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</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
---	--

<p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities.</p> <p>CAN DATA: None</p>	
---	--

Air Conditioning, Refrigeration, And Environmental Control Technology (AIRE)

<p>127 Fluid Flow Dynamics Lab .00 hours lecture, 6.00 hours lab, 2.00 units Grade Only</p> <p>REQUISITES: Corequisite: AIRE 126. Limitation on Enrollment: This course is not open to students with previous credit for ENVT 127</p> <p>This laboratory course provides practice in fluid measuring methods and instrumentation. Emphasis is placed on working with instruments such as pitot tube devices and velometers to illustrate the interaction of fluid systems curves. Course content also includes air psychometries, air and hydronic system balancing and measurement of sound.</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:</p> <p>Add corequisite. <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</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
--	--

Alcohol And Other Drug Studies (AODS)

<p>150 Introduction to Chemical Dependency 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 051 and ENGL 056, each with a grade of "C" or better, or equivalent, or W5/R5. Advisory: Completion of or concurrent enrollment in PSYC 101 or SOCO 101 with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for BEHS 150 or PSYC 265: Introduction to Chemical Dependency</p> <p>This course is a study of the basic concepts of chemical dependency. Emphasis is placed on understanding chemical dependency from an interdisciplinary level and on examining the socio-cultural patterns of dependency. Individual student's potential as a chemical dependency counselor will also be addressed. Students beginning the certificate program should start with this course. This course is also appropriate for any student wishing to learn more about alcohol and other drug use, abuse and dependency.</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Change 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): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</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>	
--	--

Alcohol And Other Drug Studies (AODS)

<p>156 Chemical Dependency Case Management 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: AODS 150 & AODS 152 & AODS 154 & PSYC 161 & SOCO 101, each with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for BEHS 156 or PSYC 265: Chemical Dependency Case Management</p> <p>This course is a study of the theory and practical application of the twelve core functions of chemical dependency counseling as they apply to case management. Emphasis is placed on preparing students to work effectively in the field of chemical dependency. This course should only be taken by students who have completed AODS 150 and AODS 154. Extensive knowledge of the DSM IV diagnostic criteria for Substance-Related Disorders and the Federal Confidentiality Regulations for Alcohol/Drug Records is required to achieve 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.</p> <p>CAN DATA: None</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
--	--

Alcohol And Other Drug Studies (AODS)

<p>270 Work Experience in Chemical Dependency .00 hours lecture, .00 hours lab, 1.00 Other hour, 4.00 units Grade Only</p> <p>REQUISITES: Corequisite: AODS 162. Limitation on Enrollment: Must obtain an Add Code from Work Experience Coordinator for enrollment. To receive credit a student must complete a minimum of seven units during the semester, including work experience.</p> <p>This course provides students with a hands-on learning experience via the cooperative effort of the employer, the instructor and the student.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Add corequisite. <i>Approved</i> Change units. <i>Approved</i> Change course description. <i>Approved</i> Integrate outline. <i>Approved</i></p>
---	---

<p>Emphasis is placed on enabling the student who is employed or volunteering in chemical dependency work to receive college credit for achieving new, meaningful and measurable learning objectives related to as many interdisciplinary aspects of chemical dependency as possible.</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>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
--	---

Mathematics (MATH)

<p>032 Fundamentals of Mathematics 5.00 hours lecture, .00 hours lab, 5.00 units Grade Only</p> <p>REQUISITES: None</p> <p>Fundamentals of Mathematics serves as an introduction to fundamental concepts of arithmetic. This course covers the arithmetic operations of addition, subtraction, multiplication, division and exponentiation on whole numbers, fractions, decimals and percents; ratios and proportions, an introduction to the different systems of measurement, and applications of these topics. This course is intended for preparation for Prealgebra (Math 35). .</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Not Applicable to Associate Degree, pre-collegiate basic skills - reading, writing, computation.</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 course description. <i>Approved with modification (shown at left in strikeout print).</i></p> <p>Add repeatability.</p> <p>Integrate outline. <i>Approved</i></p> <p>Proposed For College(s): City, Mesa, Miramar</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
--	---

Photography (PHOT)

<p>100 Basic Black-and-White Photography 1.50 hours lecture, 4.50 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 101; or ENGL 105, each with a grade of "C" or better, or equivalent, or W6/R6.</p> <p>This course is an introduction to basic camera handling skills and the aesthetics of photography. Emphasis is placed on how to use cameras, lenses, exposure meters, flash, enlargers, related equipment and compositional skills to create original images. Laboratory practice includes Black and White film processing, printing and presentation.</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Change hours. <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</p>
---	--

<p>This course is the entry level course for students working toward a certificate or degree in Photography and in other Visual Arts programs.</p> <p>FIELD TRIP REQUIREMENTS: May be required</p> <p>TRANSFER APPLICABILITY: Associate Degree Credit & transfer to CSU and private colleges and universities; UC.</p> <p>CAN DATA: (CAN ART 18, City)</p>	<p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
---	---

Photography (PHOT)

<p>135 Intermediate Black-and-White Photography 1.50 hours lecture, 4.50 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: PHOT 100 with a grade of "C" or better, or equivalent.</p> <p>This course provides students with intermediate-level instruction and practice in black and white film exposure and development procedures and printing. Emphasis is placed on various techniques for enhancing black and white negative and print quality. Topics also include composition, visual communication skills, use of light, lighting control and equipment. Instruction includes use of 35 mm format and an introduction to medium format cameras. This course is designed for the student working on a certificate or degree in Photography and as preparation for higher level courses in the program.</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:</p> <p>Change hours. <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</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</p>
---	---

Plumbing (Construction Trades) (PLBG)

<p>075B Plumbing Code 2.00 hours lecture, 3.00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Prerequisite: PLBG 075A with a grade of "C" or better, or equivalent. Limitation on Enrollment: This course is not open to students with previous credit for PLBG 340.</p> <p>This course is designed to prepare the advanced plumbing student to apply plumbing codes to correctly design and build plumbing systems. Primary topics include coverage of codes pertaining to plumbing fixtures and fittings, water heaters and fuel piping, drainage, waste and vent systems, sewage and reclaimed water systems, sizing and standards, and alternate plumbing systems.</p>	<p>Offered At: City</p> <p>Action(s) Proposed:</p> <p>Add prerequisite. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Fall 2004</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>	
--	--

Shipbuilding Technology (SHIP)

<p>*201 Technological Issues: Organization and Effective Leadership in Shipbuilding 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</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 shipbuilding technology students to the unique issues, problems and challenges encountered in a rapidly changing manufacturing environment. The course will analyze internal and external factors such as environment, size, technology, politics, strategy, human resources, job design and organization culture as they relate to the technologist or manager of technology. The course focuses on the basic tools and techniques for the planning and scheduling of projects, as well as the techniques for effective communication. The course will also address leadership theories, including building and motivating effective teams and the application of those theories to the shipyard environment.</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: NONE</p> <p>Action(s) Proposed: New course. <i>Approved</i> Advisory. <i>Approved</i></p> <p>Proposed For College(s): City</p> <p>Originating Campus: City</p> <p>Effective: Spring 2004</p>
--	--

Technical Writing (TEHW)

<p>101 Introduction to Technical Writing 3.00 hours lecture, .00 hours lab, 3.00 units Grade Only</p> <p>REQUISITES: Advisory: ENGL 101 with a grade of "C" or better, or equivalent, or W6/R6.</p> <p>This course will cover how to evaluate and organize technical information, develop ideas, and establish good working relationships with technical experts. The course provides practice in technical writing formats and techniques, and offers an overview of career opportunities.</p>	<p>Offered At: City</p> <p>Action(s) Proposed: Remove prerequisite. <i>Approved</i> Add advisory. <i>Approved</i> Integrate outline <i>Approved</i> Propose for District GE, Area A1, <i>Language and Rationality-English Composition. To be</i></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><i>reviewed at the November meeting.</i> Proposed For College(s): City Originating Campus: City</p> <p>Effective: Fall 2004</p>
--	--

*Requires Board of Trustees approval prior to implementation.