

**Curriculum Instructional Council  
Actions Approved – March 14, 2019**

**Subject: Architecture (ARCH) Discipline: Architecture or Interior Design**

<p><b>112 AutoCAD</b></p> <p align="right"><b>24 - 27 hours lecture, 72 - 81 hours lab, 3 units Grade Only</b></p> <p><b>REQUISITES:</b>  <i>Advisory:</i> English 47A or English 48 and English 49, each with a grade of "C" or better, or equivalent or Milestone (s) R5 and W5; Mathematics 38 with a grade of "C" or better, or equivalent or Milestone (s) M30.  <i>Advisory:</i> Completion of or concurrent enrollment in Architecture 100 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 Architecture 105.                  This course is a hands-on study of computer aided drafting and design (CADD) for design drawings and construction document purposes using AutoCAD. Emphasis is placed on two-dimensional drawing commands to digitally assemble project drawings and to coordinate those drawings into architectural design, interior design and related construction documents. This course is intended for students majoring in architecture and interior design.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Mesa</p> <p><b>Action(s) Proposed:</b> Course Revision                  (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Change)</i>  <i>Course Description</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Mesa</p> <p><b>Originating Campus:</b> MESA</p> <p><b>Effective:</b> Fall 2020</p>
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**Subject: Biology (BIOL) Discipline: Biological Sciences**

<p><b>~ 277D Service Learning -- on Campus</b></p> <p align="right"><b>48 - 162 hours other, 1-3 units Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Limitation on Enrollment:</i> Must obtain a Permission number from the instructor for enrollment.                  Students in this course develop and implement biology-related service learning projects to help the college's community under the supervision of college faculty. Projects may include collaboration with college classes, education projects for college students, mentoring, or shadowing. Students gain hands-on experience in project planning, development, implementation and evaluation. Students meet weekly to receive support, training, and development opportunities regarding best practices in service learning. This course is intended for students who are interested in biology-related project development, development of teaching skills, or enhancement of communication and planning skills. The combined credit for all 277D discipline courses may not exceed three units.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU.</p>	<p><b>Offered At:</b> Miramar</p> <p><b>Action(s) Proposed:</b> Course Revision                  (May Include Activation)  <i>Six Year Review</i>  <i>Advisory (Remove)</i>  <i>Course Description</i>  <i>Grade Option Change</i>  <i>Methods of Evaluation</i>  <i>Outline of Topics</i>  <i>Outside Assignments</i>  <i>Stand Alone Status</i>  <i>Student Learning Objectives</i>  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Effective:</b> Fall 2020</p>
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 ~Course requires CCCC submission

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**Subject: Mathematics (MATH) Discipline: Mathematics**

<p><b>~ 118 Math for the Liberal Arts Student</b></p> <p style="text-align: right;"><b>48 - 54 hours lecture, 3 units</b> <b>Letter Grade or Pass/No Pass Option</b></p> <p><b>REQUISITES:</b>  <i>Prerequisite:</i> Mathematics 92 with a grade of "C" or better, or equivalent or Milestone (s) M45, or Mathematics 96 or Mathematics 109, each with a grade of "C" or better, or equivalent or Milestone (s) M50.  <i>Advisory:</i> English 101 with a grade of "C" or better, or equivalent or Milestone (s) R6 and W6.  This course covers a selection of topics from logical reasoning, quantitative literacy, the history of mathematics, statistics, probability, number theory, problem-solving techniques, and applications of mathematics to the liberal arts curriculum. Emphasis is placed on the development of an understanding and life long appreciation for critical thinking and mathematical problem solving. This is a general education mathematics course designed for students majoring in the liberal arts.</p> <p><b>FIELD TRIP REQUIREMENTS:</b> May be required</p> <p><b>TRANSFER APPLICABILITY:</b> Associate Degree Credit &amp; transfer to CSU. CSU General Education.</p>	<p><b>Offered At:</b> City, Mesa</p> <p><b>Action(s) Proposed:</b> Course Activation (Currently active at another college)  <i>Texts</i>  <b>Approved</b></p> <p><b>Proposed for College(s):</b> Miramar</p> <p><b>Originating Campus:</b> MIRAMAR</p> <p><b>Dist. Ed Proposed For College(s):</b> Miramar</p> <p><i>This course is being proposed at Miramar for:</i></p> <ul style="list-style-type: none"> <li>• <i>CSU General Education: B4 Area B. Scientific Inquiry and Quantitative Reasoning - Mathematics/Quantitative Reasoning</i></li> <li>• <i>District General Education: A2 Language and Rationality - Communication &amp; Analytical Thinking</i></li> </ul> <p><i>To be reviewed at the May 9, 2019 CIC meeting</i></p> <p><b>Effective:</b> Fall 2020</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.)

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