

Assessment: Course Four Column

Spring/Summer 2017



El Camino: Course SLOs (IND) - Architecture

ECC: ARCH 100:An Orientation to Architecture

Course SLOs	Assessment Method Description	Results	Actions
<p>SLO #2 Becoming an Architect - Given lecture information, worksheet examples, and in-class discussion, students will be able to demonstrate knowledge of the education necessary, internship and licensing procedures to become a professional architect.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2013-14 (Spring 2014), 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Inactive Date:</p> <p>Comments::</p>	<p>Exam/Test/Quiz - The assessment consists of a test where the student has to answer questions regarding the Education, Internship and Testing a candidate needs to go through to obtain a License to practice architecture.</p> <p>Standard and Target for Success:</p> <p>Students answering all 3 questions right will receive a score of 3.</p> <p>Students answering 2 questions right will receive a score of 2. Students answering 1 question right will receive a score of 1. Students answering 0 questions right will receive a score of 0.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>All students received scores of 8 out of 10 or better on all quizzes (09/15/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Jennifer Doublet</p> <p>Faculty Contributing to Assessment:</p>	<p>Action: Quizzes are a successful tool and measure of student's acquisition of knowledge regarding the education, internship and testing a candidate needs to go through to obtain a license to practice architecture. The methodology is successful. It is important to continually update the quiz content to match industry standards and changes. (09/15/2018)</p> <p>Action Category: SLO/PLO Assessment Process</p>
		<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>Students averaged 8/10 on all quizzes. (09/15/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Jennifer Doublet</p> <p>Faculty Contributing to Assessment:</p>	<p>Action: Quizzes are continually updated to follow changes in industry standards. The testing methodology shows that students can answer questions regarding the education, internship and testing a candidate needs to go through to obtain a license to practice architecture. (09/15/2018)</p> <p>Action Category: SLO/PLO Assessment Process</p>

ECC: ARCH 119 :Computer Aided Architectural Drafting

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p>SLO #2 Graphic Techniques - Successful students, completing the Architecture Program, following instructions, supervised classroom practice using CADD system, will use proper graphic techniques to complete instructions.</p> <p>Course SLO Status: Active Course SLO Assessment Cycle: 2016-17 (Spring 2017) Input Date: 11/29/2013 Inactive Date: Comments::</p>	<p>Performance - Using AutoCAD students must draw the floor plan for a specified, small, two-room building. Students must insert door, window, and bathroom fixture blocks, fully dimension the building on all four sides, and add appropriate text identifying drawing title and room names. Students must print the completed floor plan on letter-size paper complete with border and title block.</p> <p>Standard and Target for Success: It is expected that 85% of the students sitting for the performance examination will score 75% or above on this SLO.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017) Standard Met? : Standard Met 95% of the students scored 75% or above on the SLO. This performance exam was based on duplicating a given, completed drawing. I was satisfied with this result. (09/14/2017) % of Success for this SLO: Faculty Assessment Leader: Bruce Cook Faculty Contributing to Assessment: Dan Richardson</p>	<p>Action: We are adjusting the curriculum to make projects more relatable to industry standards (09/14/2018) Action Category: Curriculum Changes</p>

ECC: ARCH 125 :Advanced Three-Dimensional Architectural Computer Aided Design

Course SLOs	Assessment Method Description	Results	Actions
<p>SLO #2 Three-Story Office Building - Students will create, using Revit software, a detailed 3D computer model of a 3-story office building complete with floor plans, RCPs, building sections, interior and exterior elevations, and details as well as photo realistic renderings. Students will also create curtain wall systems, door, window, Revit families, and furniture schedules, 3D animations, and understand the protocol for using Revit in a professional office setting. Students will use Building Information Modeling (BIM) in design, analysis and documentation of their buildings.</p> <p>Course SLO Status: Active Course SLO Assessment Cycle: 2016-17 (Spring 2017) Input Date: 11/29/2013 Inactive Date: Comments::</p>	<p>Project - Students are expected follow directions from the assignment sketches to create a multi-story commercial office building and generate construction documents including floor plans, sections, interior and exterior elevations, details, door, window and room schedules; and 3D views of the interior and exterior of the building. Students are expected to create sheets with title blocks for each of these tasks, which will be assigned a point value based on the complexity of the drawing totaling 100 points.</p> <p>Standard and Target for Success: Standard and Rubric: Based on Percentage, it is expected that 85% of the class will be able to produce most of the drawing assignments for the class project to earn 70 points minimum in this course for a passing grade of C (70%).</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017) Standard Met? : Standard Met These learning objects have been met by the required percentage of class through the repetitive nature of the course syllabus. Accompanying lectures and practice assignments that built on previous lectures and assignments reinforced the students' skills in learning the versatility of the software. As in a real-world setting, students were provided the opportunity to revise previous assignments and mature the 3D models. (09/15/2017) % of Success for this SLO: Faculty Assessment Leader: Henry Mera Faculty Contributing to Assessment: Dan Richardson</p>	<p>Action: We are adjusting the current curriculum to make projects more relatable to industry standards (09/15/2018) Action Category: Curriculum Changes</p>

ECC: ARCH 150B:Architectural Drafting II

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p>SLO #2 Model - Upon completion of this class, a student will be able to build a massing model from the drawings they create.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Inactive Date:</p> <p>Comments::</p>	<p>Project - Students have successfully built a model of the house that represents the class project. The model is based on computer generated drawings. The student also learns engineering concepts of vertical and lateral design while building the model.</p> <p>Standard and Target for Success: A success rate of a B or C grade was expected and achieved by 90%-95% of the students, and an A grade was achieved by 15%.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>It is expected that architecture students will be successful at the rate of: 15% will score 90% or better, while 75% will score 70%-90% (09/14/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Dan Richardson</p> <p>Faculty Contributing to Assessment:</p>	<p>Action: We are adjusting current curriculum to make projects more relatable to industry standards (09/14/2018)</p> <p>Action Category: Curriculum Changes</p>

ECC: ARCH 170:Architectural Graphics Techniques

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p>SLO #2 Orthographic Projection - Given lecture material, students will be able to orthographically project elevation and section views of buildings from plan views of said building.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2013-14 (Spring 2014), 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Inactive Date:</p> <p>Comments::</p>	<p>Presentation/Skill Demonstration - This assessment consists of orthographically projecting, using a pencil on paper, exterior elevations of a building, projected up from a floor plan with door and window locations and roof plan information drawn on it.</p> <p>Standard and Target for Success: Students projecting the walls, doors, windows and roof properly were given a 4. The Students projecting everything but the roof were given a 3, the students who just projected the walls, but no windows, door or roof, were given a 2 and the students who did not project anything were given a 1.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>Exam given on 5:28:2017 Of the 22 students tested, 19 were given a score of 4, 2 were given a score of 1, 1 was given a score of 2. There were no students below a score of 2. (09/13/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Mike Stallings</p> <p>Faculty Contributing to Assessment: Dan Richardson</p>	<p>Action: I will monitor the results and work on making sure all my students know how to orthographically project elevations and sections from plans (09/13/2018)</p> <p>Action Category: Teaching Strategies</p> <hr/> <p>Action: We are adjusting current curriculum to make projects more relatable to industry standards (09/15/2017)</p> <p>Action Category: Curriculum Changes</p>

ECC: ARCH 172:Architectural Color Rendering Techniques

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p>SLO #2 Use of Medium - Given lecture information, handouts and in-class discussion, students will be able to demonstrate and ability to illustrate architectural renderings with the following color mediums; color pencils, markers, water colors, pastels and various computer software.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Inactive Date:</p> <p>Comments::</p>	<p>Project - The architectural renderings are evaluated on the basis of students use of mediums, color, and software to produce graphics with oral presentation.</p> <p>Standard and Target for Success: It is expected that 90% of the students will score 80% or higher on the projects which test the SLO.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>93% of the students scored higher than 80%. (09/15/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Dan Richardson</p> <p>Faculty Contributing to Assessment:</p>	<p>Action: We are adjusting the curriculum to make projects more relatable to industry standards (09/15/2018)</p> <p>Action Category: Curriculum Changes</p>

ECC: ARCH 199 :Architecture Design Studio

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p>SLO #2 Design Theory Research Paper - The student will develop an evolving knowledge base of design theory represented by built and unbuilt architecture and its place in history and will incorporate learned content, historical accuracy, relevancy and the application and analysis of theory into a research paper.</p> <p>Course SLO Status: Active</p> <p>Course SLO Assessment Cycle: 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Inactive Date:</p> <p>Comments::</p>	<p>Case Study - The research paper will be assessed by the history recorded about the building and how it is relevant today and then; the students have to put their own opinion about why they think this is a great piece of architecture.</p> <p>Standard and Target for Success: The standard was that if all the information was included in the research paper it was a 4, if one of the required items was gone it was a 3, if two of the items were gone it was a 2 and if 3 of the required items were gone it is a 1. 90% received a 4, 5% received a 3 and 5% received a 2. I will have to review all the requirements better next time so more students address all the fields necessary to be in the research paper.</p> <p>Additional Information:</p>	<p>Semester and Year Assessment Conducted: 2016-17 (Spring 2017)</p> <p>Standard Met? : Standard Met</p> <p>The research papers were graded based upon required input. I was satisfied with 90% of the students having all of the information in the reports but will strive for that number to be 100% next time so I will review the requirements more before they write the paper. (09/13/2017)</p> <p>% of Success for this SLO:</p> <p>Faculty Assessment Leader: Mike Stallings</p> <p>Faculty Contributing to Assessment: Dan Richardson</p>	<p>Action: I have re-written the paper that I give to the class that highlights all the required things that they have to include in their research paper to improve student understanding. (09/13/2018)</p> <p>Action Category: Teaching Strategies</p> <hr/> <p>Action: We are adjusting current curriculum to make projects more relatable to industry standards (09/15/2017)</p> <p>Action Category: Curriculum Changes</p>