



FALL 2014 Course SLO Assessment Report - 4-Column

El Camino College

El Camino: Course SLOs (IND) - Welding

Course SLOs 1 and ctu.unitid = 756	Assessment Methods & Standard and Target for Success / Tasks	Results	Action & Follow-Up
<p>ECC: WELD 28 - American Welding Society (AWS) D1.1 Certification Test Preparation - SLO #1 Preparing for Certification Exams - Students will be able to locate and use charts, index and table of contents to answer open book questions to prepare for the exam.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Given a timed test allowing 3 minutes for each multiple choice question, students should be able to successfully locate and answer D1.1 Code questions at the expected passing rate of 70%.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: For a timed test allowing 3 minutes for each multiple choice question, the expected passing rate is 70%, the minimum pass rate for the LA City written practice exam.</p>	<p>02/27/2014 - A timed test allowing 3 minutes for each multiple choice question. 87% of students could successfully locate and answer D1.1 Code book questions at the expected passing rate of 70%. 13% fell below the passing rate of 70%. 10% of these students who did not meet the minimum pass rate for the LA City written practice exam was due to nerves that result from a timed test, mathematical error in min/max questions, or difficulty picking out the subject of word problem. The remaining 3% did not invest enough time to mark their book or understand the utilization of charts to the question being asked. I now introduce many AWS charts throughout my intermediate course to introduce the importance of the information before they reach this advance course.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Renee Newell</p> <p>Faculty Contributing to Assessment: Renee Newell</p>	<p>04/23/2016 - Suggest a time management class to students, which could help the 13% not meeting the minimum pass rate of 70%. Also, introduce many AWS charts throughout my intermediate course to introduce the importance of the information before they reach this advance course.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: WELD 45 - Structural Fabrication - SLO #1 Safe Setup & Operation - Students will be able to demonstrate the safe set up and use of various welding and cutting apparatus.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014)</p> <p>Input Date: 04/07/2015</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Performance exam relating to the set-up of various equipment when part fit-up has choices of process and electrodes.</p> <p>Assessment Method: Performance</p> <p>Standard and Target for Success: Accomplish task with 87% accuracy.</p>	<p>04/14/2015 - 95% of students accomplished the task as judged by their accuracy in evaluating the piece and setting the machine to the correct settings.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Renee Newell</p>	<p>04/14/2016 - Continue to monitor performance for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: WELD 45 - Structural Fabrication - SLO #2 Job Skills - Students will be prepared to demonstrate job skills required for fabrication layout</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014)</p> <p>Input Date:</p>	<p>Assessment Method Description: Utilizing print, student will examine first task, measurements and machining required before fitup.</p> <p>Assessment Method: Laboratory Project/Report</p> <p>Standard and Target for Success:</p>	<p>02/10/2015 - 72% of students were capable of achieving final task 24% just fell under the desired outcome. 4% did not perform well. They missed demonstrations & their math skills were not up to standards</p> <p>Standard Met? : Yes</p>	<p>04/23/2016 - Propose to the 24% that they review fractions to assist in their translation of print reading and final measurements. The 4% that failed this skill performance also lacked the math background as well as missing</p>

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02/07/2015 Course SLO Status: Active	75% of students will achieve level 3 of the rubric.	Semester and Year Assessment Conducted: 2014-15 (Fall 2014) Faculty Assessment Leader: Renee Newell Faculty Contributing to Assessment: Renee Newell	demonstrations that would have assisted them in achieving a better result. Action Category: Teaching Strategies