



PLO Assessment Report - Four Column Report
El Camino College - INDUSTRY & TECHNOLOGY DIVISION
El Camino: PLOs (IND) - Construction Technology

PLOs	Assessment Methods & Standard and Rubric / Tasks	Results	Action & Follow-Up
<p>El Camino: PLOs (IND) - Construction Technology - PLO #1 Safely Operating Industry Tools - Upon successful completion of the courses in this program, students will be able to identify and safely operate tools commonly used in the construction and/or cabinetmaking industry.</p> <p>PLO Assessment Cycle: 2013-14 (Spring 2014)</p> <p>Input Date: 11/29/2013</p> <p>PLO Status: Active</p>	<p>Assessment Method Description: Laboratory assignment sheet. Construction Technology yard. Appropriate tools and materials.</p> <p>Assessment Method: Performance</p> <p>Standard and Rubric: Safely operate tools: 100% is passing. Accurately operate tools: 85% is passing.</p>	<p>12/03/2011 - All students were able to demonstrate the proper and safe use of the tools and equipment needed to complete the assigned project. Ninety-two percent of students demonstrated a high degree of competency in completing this project. Eight percent of students were unable to demonstrate that they understood the concepts, methods and/or techniques required to successfully complete the assigned project.</p> <p>Standard Met: Yes</p> <p>Semester of Current Assessment: 2011-12 (Fall 2011)</p> <p>Faculty Assessment Leader: Tim Meza</p> <p>Courses Associated with PLO Assessment: CTEC 100, CTEC 110, CTEC 121, CTEC 122, CTEC 131 and CTEC 132</p>	<p>03/11/2014 - Perhaps additional small-group demonstrations for those students in need of additional help in grasping the concepts, methods and techniques required to successfully complete the project.</p> <p>Action Category: Teaching Strategies</p>
		<p>02/24/2014 - All students participating in the Construction Technology Program are required to successfully complete, with 100% accuracy, a written safety test and demonstrate the operation of equipment following all safety protocol. Before being allowed to operate equipment, all students were required to demonstrate operational proficiency. A success rate of 100% was achieved by students on the written portion of the test. After the first attempt 92% of students passed operational test following comprehensive reviews, 100% success rate was achieved.</p> <p>Standard Met: Yes</p> <p>Semester of Current Assessment: 2013-14 (Fall 2013)</p> <p>Faculty Assessment Leader: Ross Durand, Jack Selph</p> <p>Faculty Contributing to Assessment: Ross Durand, Jack Selph</p> <p>Courses Associated with PLO Assessment: CTEC: 200,100, 110, 210, 172</p>	



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El Camino College - INDUSTRY & TECHNOLOGY DIVISION
El Camino: PLOs (IND) - Cosmetology

PLOs	Assessment Methods & Standard and Rubric / Tasks	Results	Action & Follow-Up
El Camino: PLOs (IND) - Cosmetology - PLO #1 Licensure Exam - Upon completion of the El Camino College Cosmetology program, students will pass the written portion of the California State Board of Cosmetology Licensure Examination with a score of 70% or higher. PLO Assessment Cycle: 2013-14 (Spring 2014) Input Date: 11/20/2013 PLO Status: Active	Assessment Method Description: Computerized test with 100 multiple choice questions, based on the curriculum of which complied with requirements adopted by the board. Assessment Method: Standardized/Licensing Exam Standard and Rubric: The Board of Barbering of Cosmetology (BBC), generates a quarterly report (Examination Statistic), on the number of students who have passed or failed the (theory) written exam. It is expected that 80% of the students will score 70% or above on this PLO.	12/16/2013 - The 2011-2012 Examination Statistics indicated that students are passing the practical exam at 97%. However, the written part of the exam is at 48.9%. The department standard for the written part of the exam was for the percentage to be at least 70% or higher. Standard Met: No Semester of Current Assessment: 2013-14 (Fall 2013) Faculty Assessment Leader: Merriel Winfree Faculty Contributing to Assessment: Vivian Nemie and Patricia Gebert Courses Associated with PLO Assessment: Cosmetology 10 - Introduction Reviewer's Comments: MW	02/22/2015 - The department has linked up with the library, with the help of Moon Inchinaga, in implementing the Testing and Ed. Reference Center database for Cosmetology. It will give students a chance to practice the State Board Exam question banks. Action Category: Program/College Support <hr/> 02/21/2015 - The department has linked up with the library, with the help of Moon Inchinaga, in implementing the Testing and Ed. Reference Center database for Cosmetology. It will give students a chance to practice the State Board Exam question banks, with the intention of improving the written exam passing rate from currently 48.9% to 70% and above. Action Category: Program/College Support <hr/> 12/30/2014 - Miss. Winfree and Miss. Murray will implement the library Testing and Ed. Reference Center database for cosmetology starting spring 2014 to fall 2014. We will combine the testing information at the end of the semester and determine whether the students are comprehending the materials, and improving their testing scores. Action Category: SLO Assessment Process Follow-Up: 09/05/2014 - The students enjoyed practicing the state board exams on the TERC database in the library, however, the rubric we used for determining whether students were

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			<p>Follow-Up: improving their test scores from classroom testing or state board exam proved to be inaccurate .</p> <hr/> <p>02/28/2014 - Part-time and full-time faculty members will work together in creating new teaching strategies to improve testing results.</p> <p>Action Category: Teaching Strategies</p> <p>Follow-Up: 12/16/2013 - Faculty members met at Ms. Winfree's house and discussed several projects that will be implemented during the summer and fall 2014 semester.</p> <hr/>
	<p>Assessment Method Description: Computerized Licensing Exam - 100 Multiple Choice questions.</p> <p>Assessment Method: Standardized/Licensing Exam</p> <p>Standard and Rubric: The cosmetology department receives every quarter the Board of Barbering & Cosmetology Examination Statistics - indicating the total passing/failure of the written and practical exams.</p>	<p>09/05/2014 - Students are failing the written and passing the practical part of the exam. As of 7/01/13 to 9/01/2013 - Written Part = 4/14 (4 passed = 29%, 10 failed = 71%). The average score for the written was 64.86, which is below the passing score of 70%. We are not completely satisfied with the results, however, there's a slight improvement indicating students are improving on the written exam.</p> <p>Standard Met: No</p> <p>Semester of Current Assessment: 2013-14 (Spring 2014)</p> <p>Faculty Assessment Leader: Merriel Winfree</p> <p>Faculty Contributing to Assessment: ,Merriel Winfee, Vivian Nemie and Patricia Gebert</p> <p>Courses Associated with PLO Assessment: 7400,7402,7403,7404,7406,7408,7410, & 7412</p> <p>Reviewer's Comments: The classroom theory curriculum will be re-examined to improve students preparation for the written exam.</p>	<p>09/05/2014 - Take a look at the best teaching materials that will serve our students in helping them pass the written exam, as well as, changing classroom teaching materials.</p> <p>Action Category: Teaching Strategies</p> <p>Follow-Up: 09/05/2014 - The next follow-up will be before the cosmetology Program Review slated for 2016 .</p> <hr/>



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El Camino College - INDUSTRY & TECHNOLOGY DIVISION
El Camino: PLOs (IND) - Environmental Technology

PLOs	Assessment Methods & Standard and Rubric / Tasks	Results	Action & Follow-Up
<p>El Camino: PLOs (IND) - Environmental Technology - PLO #1 Understanding Environmental Challenges - The successful student will gain an appreciable understanding of the factors that have led to the environmental challenges we face today. The student will gain the necessary skills to discern, analyze data from various sources, and be able to formulate knowledgeable opinions that can lead to multiple solutions with varying criteria sets.</p> <p>PLO Assessment Cycle: 2013-14 (Spring 2014)</p> <p>Input Date: 11/29/2013</p> <p>PLO Status: Active</p>		<p>06/04/2014 - Thirty-one of thirty-seven (84%) students have successfully completed the course- ET 101. The quality of the papers, and the feedback, comments and opinions of the course, made by students has demonstrated that there has been an increased understanding, awareness and an appreciation of all things environmental.</p> <p>One of the most note worthy comments made was by a mechanical engineering student. The comment concerned itself with a social justice topic of whether those who are homeless should have the right to economic self-determination, by recycling in East Berkeley, California. The specific issue at hand was whether or not a homeless recycler should be able to dig through trash left in containers in the middle of the night, on a public right of way to extract recyclable materials for monetary compensation at a recycling facility. The idea being that recycling supports an underground economy where homeless individuals are supporting themselves, as opposed to living off of some form of governmental assistance.</p> <p>The question became: "Is recycling a crime if one digs through someone's trash left on the street, for trash pickup?" [The second question then is, "Can there be a mechanism created that allows an acceptable process for recycling extraction if those who put their trash on the street are not recycling?]</p> <p>The take away comment by the young twenty something student was at first that he did not want to be disturbed by a recycler digging in the trash, but after watching a short video that explained the issues, in situ, he came to realize that there are many ways one must live to support themselves, and through a sustainable concept as simple as recycling, he changed his position and saw the intrinsic value of how an individual can become self supporting, in whatever way possible.</p> <p>Standard Met: Yes</p> <p>Semester of Current Assessment: 2013-14 (Spring 2014)</p> <p>Faculty Assessment Leader: Greg George</p>	

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		Courses Associated with PLO Assessment: ET 101	



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El Camino: PLOs (IND) - Nutrition and Foods

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<p>El Camino: PLOs (IND) - Nutrition and Foods - PLO #1 Comprehensive Food Plans - Upon completion of the Nutrition and Foods program, the student will be able to outline the overall nutritional needs of children and adults and develop comprehensive food plans to ensure nutritional needs are being met.</p> <p>PLO Assessment Cycle: 2013-14 (Spring 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>PLO Status: Active</p>		<p>02/24/2014 - 16 students chose the Individual Menu Plan, which directly assesses PLO#1. Scores were 90-100% - 18 students, 80 - 89% - 6 students, and 70-79% - 2 students. No students scored lower than 70%. Most students were able to create a nutrient-dense menu for their age/sex/activity level. For the students who struggled, one major weakness is that the menus did not include one or more major nutrients, including vitamins C and A, folic acid and iron (especially for women of childbearing age), and calcium. Students are weak in recognizing food sources of major nutrients, so struggle to create a nutrient dense menu of whole foods. The second major weakness was that some students cut-and-pasted very nutritious recipes, but probably lack the resources and skills to create these dishes. The instructor should present models or examples of nutrient dense menus, created from whole foods which are locally available, affordable, and easily prepared. Otherwise, this exercise is more theoretical than practical.</p> <p>Standard Met: Yes</p> <p>Semester of Current Assessment: 2013-14 (Fall 2013)</p> <p>Faculty Assessment Leader: Sue Ellen Warren</p> <p>Courses Associated with PLO Assessment: Nutrition 11, section 7734</p>	