

# Assessment: Assessment Unit Four Column

Spring/Summer 2019



## El Camino: PLOs (IND) - Computer Aided Design/Drafting

PLOs	Assessment Method Description	Results	Actions
<p><b>PLO #3 Product Development</b> - Upon Completion of the Computer Aided/Design Drafting program, the student will be able to function as a member of a product development team.</p> <p><b>PLO Status:</b> Active</p> <p><b>PLO Assessment Cycle:</b> 2018-19 (Spring 2019)</p> <p><b>Input Date:</b> 10/04/2013</p>	<p><b>Performance</b> - Student performance on the Midterm and Final Exams were assessed as were the student design portfolios.</p> <p><b>Standard and Rubric:</b> Standard and Rubric: It is expected that the grade of 100% of students will average 80% of the maximum allowed point totals for completeness and accuracy.</p>	<p><b>Semester of Current Assessment:</b> 2018-19 (Spring 2019)</p> <p><b>Standard Met:</b> Standard Met</p> <p>FINAL EXAM</p> <p>100</p> <p>80</p> <p>85</p> <p>80</p> <p>95</p> <p>98</p> <p>90</p> <p>95</p> <p>85</p> <p>98</p> <p>90</p> <p>86</p> <p>88</p> <p>85</p> <p>96</p> <p>93</p> <p>90</p> <p>80</p> <p>90</p> <p>94</p> <p>75</p> <p>91</p> <p>99</p> <p>(10/24/2019)</p> <p><b>Faculty Assessment Leader:</b> douglas glenn</p>	<p><b>Action:</b> Continue to monitor test scores for student success and outcomes (10/24/2019)</p> <p><b>Action Category:</b> Teaching Strategies</p>

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**Courses Associated with PLO Assessment:** CADD 43

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## El Camino: PLOs (IND) - Cosmetology

PLOs	Assessment Method Description	Results	Actions
<p><b>PLO #1 Licensure Exam</b> - 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.</p> <p><b>PLO Status:</b> Active</p> <p><b>PLO Assessment Cycle:</b> 2013-14 (Fall 2013), 2013-14 (Spring 2014), 2017-18 (Spring 2018), 2018-19 (Spring 2019)</p> <p><b>Input Date:</b> 09/09/2018</p>	<p><b>Standardized/Licensing Exam</b> - Computerized test with 100 multiple choice questions, based on the curriculum of which complied with requirements adopted by the board.</p> <p><b>Standard and Rubric:</b> 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.</p> <p><b>Additional Comments:</b> MW</p>	<p><b>Semester of Current Assessment:</b> 2013-14 (Fall 2013)</p> <p><b>Standard Met:</b> Standard Not Met</p> <p>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. (12/16/2013)</p> <p><b>Faculty Assessment Leader:</b> Merriel Winfree</p> <p><b>Faculty Contributing to Assessment:</b> Vivian Nemie and Patricia Gebert</p> <p><b>Courses Associated with PLO Assessment:</b> Cosmetology 10 - Introduction</p>	<p><b>Action:</b> 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. (02/22/2015)</p> <p><b>Action Category:</b> Program/College Support</p> <p><b>Action:</b> 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. (02/21/2015)</p> <p><b>Action Category:</b> Program/College Support</p> <p><b>Action:</b> Miss. Winfree and Miss. Murray will implement the library Testing and Ed. Reference Center</p>

<i>PLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
			<p>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. (12/30/2014)</p> <p><b>Action Category:</b> SLO Assessment Process</p> <p><b>Follow-Up:</b> 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 improving their test scores from classroom testing or state board exam proved to be inaccurate . (09/05/2014)</p> <p><b>Action:</b> Part-time and full-time faculty members will work together in creating new teaching strategies to improve testing results. (02/28/2014)</p> <p><b>Action Category:</b> Teaching Strategies</p> <p><b>Follow-Up:</b> Faculty members met at Ms. Winfree's house and discussed several projects that will be implemented during the summer and fall 2014 semester. (12/16/2013)</p> <p><b>Action:</b> 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. (09/05/2014)</p> <p><b>Action Category:</b> Teaching</p>
	<p><b>Standardized/Licensing Exam -</b> Computerized Licensing Exam - 100 Multiple Choice questions.</p> <p><b>Standard and Rubric:</b> The cosmetology department receives every quarter the Board of Barbering &amp; Cosmetology Examination</p>	<p><b>Semester of Current Assessment:</b> 2013-14 (Spring 2014)</p> <p><b>Standard Met:</b> Standard Not Met</p> <p>Students are failing the written and passing the practical part of the exam.</p> <p>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</p>	

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	<p>Statistics - indicating the total passing/failure of the written and practical exams.</p> <p><b>Standardized/Licensing Exam</b> - The Board of Barbering and Cosmetology Examination Report is the assessment instrument that is used for determining how many students are passing or failing their state board exams.</p> <p><b>Standard and Rubric:</b> It is expected that students score 75% or above on the written and practical exams.</p>	<p>not completely satisfied with the results, however, there's a slight improvement indicating students are improving on the written exam. (09/05/2014)</p> <p><b>Faculty Assessment Leader:</b> Merriel Winfree</p> <p><b>Faculty Contributing to Assessment:</b> ,Merriel Winfee, Vivian Nemie and Patricia Gebert</p> <p><b>Courses Associated with PLO Assessment:</b> 7400,7402,7403,7404,7406,7408,7410, &amp; 7412</p> <p><b>Semester of Current Assessment:</b> 2017-18 (Spring 2018)</p> <p><b>Standard Met:</b> Standard Not Met</p> <p>Exam Date: April 1, 2018 through June 30, 2018.</p> <p>Practical Exam: 13 students took the exam and 9 students passed - 69%</p> <p>4 failed - 31%</p> <p>Written Exam: 15 students took the exam and 8 passed - 53%</p> <p>7 failed - 47%</p> <p>According to the stats 75% of students passed the practical exam and a little more than 50% failed the written exam. The written part of the exam is still challenging for our students to pass. (09/09/2018)</p> <p><b>Faculty Assessment Leader:</b> Merriel Winfee</p>	<p>Strategies</p> <p><b>Follow-Up:</b> The next follow-up will be before the cosmetology Program Review slated for 2016 . (09/05/2014)</p> <p><b>Action:</b> Implement new studying materials with social media technology. (09/08/2018)</p> <p><b>Action Category:</b> Teaching Strategies</p> <p><b>Follow-Up:</b> Spring 2021 (09/08/2018)</p>
	<p><b>Standardized/Licensing Exam</b> - Multiple assessments were used across courses with SLOs aligning to the PLO. The assessment includes the State Board of Cosmetology and Barbering quarterly reports. It provides examination results for the students who have completed training at El Camino College. The quarterly report includes the total scores received for the practical and/or written examination, and the passing and failing percentages for each quarter. Also, tests, semester projects, oral presentation, and objectives and subjective examinations.</p>	<p><b>Semester of Current Assessment:</b> 2018-19 (Spring 2019)</p> <p><b>Standard Met:</b> Standard Met</p> <p>1st Quarter ( 1-1-18 to 3-31-18) - Theory Exam - 11 students passed/ 2 students failed ( 85%/15%)</p> <p>Practical Exam - 9 students passed/ 3 students failed (75%/25%)</p> <p>2nd Quarter (4-1-18 to 6-30-18) - Theory Exam - 8 students passed/ 7 students failed (53%/47%)</p> <p>Practical Exam - 9 students passed/ 4 students failed ( 69%/31%)</p> <p>3rd Quarter (7-1-18 to 9-30-18) - Theory Exam - 5 students passed/ 1 student failed (83%/17%)</p> <p>Practical Exam - 6 students passed/ 2 students failed (75%/25%)</p> <p>4th Quarter (10-1-18 to 12-31-18) Theory Exam - 14 students passed/ 5 students failed (74\$/26%)</p> <p>Practical Exam - 15</p>	<p><b>Action:</b> The department is currently collaborating to developed an on-line course in assist struggling students to improve their reading comprehension. (08/24/2019)</p> <p><b>Action Category:</b> Teaching Strategies</p> <p><b>Follow-Up:</b> 08/24/2023 (08/24/2019)</p>

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	<p><b>Standard and Rubric:</b> 70% on the written and practical exams students will have achieved the course-level SLOs that are aligned to PLO.</p>	<p>students passed/ 4 students failed (79%/21%)</p> <p>73% of students are passing the written and practical exams, whereas, 27% of students are failing both the written and practical exams; attempting SLOs aligned to PLO #1 achieved the SLO. SLOs achievement rates were taken from courses assessed spring 2018; Cosm. 1, Cosm. 10, Cosm. 11, 2abcd. The PLO assess student's abilities based on the results provided by the State Board of Barbering &amp; Cosmetology, and teaching strategies employed by instructors, where students demonstrated and understood the theoretical and practicality of the lessons taught in class.</p> <p>Success here shows that students have demonstrated their capability in meeting the State Board of Cosmetology and Barbering criteria.</p> <p>The assessment showed that students met the PLO at the passing rate for the theory and practical exams. The passing rate demonstrates students are learning the materials and skills necessary to successfully complete the program and enter the workforce with a cosmetology license. Also, the TERC database at the library that students uses for practice tests are contributing to students passing the theory exam as well. In order to gain greater clarity on students who are not passing the theory exam across all sections, the department should start the process of developing an on-line course on reading comprehension.</p> <p>The cosmetology department will work on revamping SLOs statement to gain greater clarity on student achievement for each sections, and developed more standardized assessments for each course.</p> <p>(08/09/2019)</p> <p><b>Faculty Assessment Leader:</b> Merriel Winfree  <b>Faculty Contributing to Assessment:</b> Linda Nishihira, Charlene Brewer Smith, Bruce Tran, Sheila Murray</p>	

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## El Camino: PLOs (IND) - Environmental Technology

PLOs	Assessment Method Description	Results	Actions
<p><b>PLO #2 Sustainable Urban Environment</b> - The student will be able to identify and analyze systems for improvement, and discuss the various issues concerning urban infrastructure and the systems that allow our urban environment to function and thrive in a sustainable and resilient manner.</p> <p><b>PLO Status:</b> Active</p> <p><b>PLO Assessment Cycle:</b> 2015-16 (Fall 2015), 2018-19 (Spring 2019)</p> <p><b>Input Date:</b> 11/29/2013</p>	<p><b>Survey/Focus Group</b> - Interview and survey students' ability to identify, define and understand the complexities of sustainable energy.</p>	<p><b>Semester of Current Assessment:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met:</b> Standard Met</p> <p>The course ET 102 has now been taught twice with various student outcomes. The first time the course was taught, there was an emphasis on defining and understanding the complexities of sustainable energy. On review and a survey of one of the students in the first class, the primary take away was, "On how technology was the key factor in creating the processes for a sustainable future."</p> <p>The second time the course was taught, another student said there was more of an emphasis on defining the use of sustainable materials and their effect on energy.</p> <p>All in all, the student participants interviewed for this assessment viewed the class as a very positive and informative class in the areas of sustainable systems technology in its various forms.</p> <p>It should be noted that we are currently in the third offering of this course and a student attending this class was also interviewed. The outcome mid semester at the 8th week, is that more of an emphasis is placed on systems and also materials and methodologies.</p> <p>As a review of the entire ET Program, we are determining that the ET 101 class represents the theoretical processes of sustainable and regenerative technologies as a social science discussion class. Going forward there will be</p>	<p><b>Action:</b> The changes being considered are to combine ET 102 -Systems and ET 103 -Materials and Methodologies into one three unit course titled ET 102, and then to adjust ET 103 into a LEED (Leadership in Energy &amp; Environmental Design) preparation class.</p> <p>This will enhance the overall program by creating two courses (one year) of 3 unit classes that will transfer to the university architecture programs requirements of one year in sustainability classes. And also will fulfill a professional designation by offering the opportunity to learn and train for a LEED preparation exam.</p> <p>The aforementioned changes are becoming refined and added objectives to the Environmental Technology Program as we develop and determine what is necessary to offer our students in</p>

<i>PLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
		<p>changes made to affect ET 102 and ET 103 curriculum.</p> <p>The changes being considered are to combine ET 102 - Systems and ET 103 -Materials and Methodologies into one three unit course titled ET 102, and then to adjust ET 103 into a LEED (Leadership in Energy &amp; Environmental Design) preparation class.</p> <p>This will enhance the overall program by creating two courses (one year) of 3 unit classes that will transfer to the university architecture programs requirements of one year in sustainability classes. And also will fulfill a professional designation by offering the opportunity to learn and train for a LEED preparation exam.</p> <p>The aforementioned changes are becoming refined and added objectives to the Environmental Technology Program as we develop and determine what is necessary to offer our students in these classes in one of the fastest emerging and growing industries and job markets. (03/31/2016)</p> <p><b>Faculty Assessment Leader:</b> Greg George</p>	<p>these classes in one of the fastest emerging and growing industries and job markets. (03/31/2017)</p> <p><b>Action Category:</b> Curriculum Changes</p>