



FALL 2014 Course SLO Assessment Report - 4-Column

El Camino College

El Camino: Course SLOs (IND) - Fire and Emergency Technology

Course SLOs 1 and ctu.unitid = 754	Assessment Methods & Standard and Target for Success / Tasks	Results	Action & Follow-Up
<p>ECC: FTEC 1 - Fire Protect Organization - SLO #1 Career Opportunities - The Student will be able to identify a minimum of three fire protection career opportunities and the skills and training needed.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice test in which 5 imbedded questions concerned career opportunities.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the students will achieve a passing score of C or above.</p>	<p>03/29/2015 - 79% of the students scored at least 70% or better on the exams. This met expectations. These topics are covered in the textbook, powerpoint presentation and consistently reinforced throughout the semester. Continued reinforcement of subject contributed to student retaining knowledge base.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: macpherson</p> <p>Faculty Contributing to Assessment: macpherson</p>	<p>04/02/2016 - Continue to monitor test scores for student success and outcomes</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 1 - Fire Protect Organization - SLO #2 Technical Training - The student will be able to identify 5 types of technical training available for those wishing to be firefighters.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2017-18 (Fall 2017)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice test in which 5 imbedded questions concerning technical training.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the students will achieve a passing score of C or above.</p>	<p>03/29/2015 - 81% of the students scored at least 70% or better on the exams. This met expectations. Success was helped by having a Fire Academy graduate lecture on his academy experience.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: macpherson</p> <p>Faculty Contributing to Assessment: macpherson</p>	<p>04/02/2016 - Continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 1 - Fire Protect Organization - SLO #3 Organizational & Administrative Structures - The student will be able to identify 2 different types of fire department organizational and administrative structures.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2018-19 (Fall 2018)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice test in which 5 imbedded questions concerning organizational and administrative structures.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the students will achieve a passing score of C or above.</p>	<p>03/29/2015 - 82% of the students in the class received a passing grade of 'C' or higher. These topics are covered in the textbook, powerpoint presentation and consistently reinforced throughout the semester. Continued reinforcement of subject contributed to student retaining knowledge base.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: macpherson</p> <p>Faculty Contributing to Assessment: macpherson</p>	<p>04/02/2016 - Continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>

Course SLOs 1 and ctu.unitid = 754	Assessment Methods & Standard and Target for Success / Tasks	Results	Action & Follow-Up
<p>ECC: FTEC 15 - Fire Academy - SLO #1 Fire Department Organization and Culture - Students will define fire department organization and culture, and the expectations of entry-level fire department personnel.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students will take a 25 multiple choice question test. They will also visit a fire station and write a two page report.</p> <p>Assessment Method: Essay/Written Assignment</p> <p>Standard and Target for Success: 90% of the students pass this exam.</p>	<p>04/02/2015 - 100% of the students achieved a score of 80% or better on both the multiple choice test and the two page report on a fire station visit. The reason for such high scores being achieved by all students is due to the State Fire Marshall standard that requires students to achieve a minimum score of 80% on all testing in order to graduate as a Firefighter 1. Students who are unable to maintain this standard 'drop' the class.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: WMelendez</p> <p>Faculty Contributing to Assessment: WMelendez</p>	<p>04/03/2015 - Continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 19 - Fire Service Entrance Prep - SLO #1 Entrance Exams Types - The student will be able to identify a minimum of three types of entrance exams.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Module mid term fill-in test.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: 60% of students will score 80% or above.</p>	<p>04/01/2014 - 80% of students met the standard.</p> <p>The patterns/trends observed in the data indicate that the instruction being delivered is meeting the instructional needs.</p> <p>Fall 2012 data was used for this assessment as it was still valid and reliable data. New timelines for assessment have been established and this SLO statement is due for assessment in Fall 2014.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Lee MacPherson</p>	<p>04/01/2014 - In order to keep up with changes in the job requirements, class time will need to be adjusted to accommodate changes and current events.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 3 - Fundamentals of Personal Fire Safety and Survival - SLO #1 Line of Duty Deaths - Identify the major causes of Firefighter's Line of Duty Deaths and injuries in the United States.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice test in which 5 imbedded questions concerned line of death/injuries.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the students will achieve a passing score of C or above.</p>	<p>03/31/2015 - 82% scored 70% or better on the 5 common embedded questions on the final exam. These topics are covered in the textbook, powerpoint presentation and consistently reinforced throughout the semester. Continued reinforcement of subject contributed to student retaining knowledge base. Additional time might not translate into a better result.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: W Warren</p>	<p>04/02/2016 - Continue reinforcement of subject and continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>

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		Faculty Contributing to Assessment: W Warren	
<p>ECC: FTEC 4 - Fire Company Organization and Management - SLO #1 Types of Leadership - The student will be able to identify three styles of leadership.</p> <p>Course SLO Assessment Cycle: 2013-14 (Fall 2013) 2014-15 (Fall 2014) 2016-17 (Fall 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice test on the three styles of leadership.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the students achieved a passing score of C or above.</p>	<p>12/15/2014 - 70% of the students in the class received a passing grade of 'C' or higher. These topics are covered in the textbook, powerpoint presentation and consistently reinforced throughout the semester. Continued reinforcement of subject contributed to student retaining knowledge base.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>04/23/2016 - Continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
		<p>02/26/2014 - 70% of the students scored at least 70% or better on the exams. This met expectations. Success was helped by having a local fire chief lecture on some of the same general material that was covered in class.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2013-14 (Fall 2013)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>02/26/2014 - Add true/false questions into the mix of multiple-choice questions.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 4 - Fire Company Organization and Management - SLO #2 Budgeting Systems - The student will be able to identify 4 basic types of budgeting systems used in modern fire departments.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2017-18 (Fall 2017)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple choice exam on the 4 basic types of budgeting systems used in a modern fire department.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students were graded on a standard grade scale of 70% = C, 80% = B, and 90% = A. 70% of the students achieved a passing score of 'C' or better.</p>	<p>12/15/2014 - 75 percent of the students received a grade of 'C' or better in this area. Although the chapter in the book is not extensive, supplemental handouts on the subject matter were helpful for students in understanding concepts.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>05/11/2016 - Continue to provide supplemental material and examples throughout the course and monitor test scores for student success and outcomes</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 4 - Fire Company Organization and Management - SLO #3 Local Government Structure - The student will be able to identify 3 different ways that local governments are structured.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2018-19 (Fall 2018)</p> <p>Input Date: 11/29/2013</p>	<p>Assessment Method Description: Students were given a multiple-choice test on the three different ways that local governments are structured.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students were graded on a standard grade scale of 70% = C, 80% = B, and 90% =A. 70% of the students achieved a passing score of</p>	<p>12/15/2014 - Better than 75 percent of the students scored 70% or better in this area. Textbook information was supplemented by an off-site visit to a local city where a municipal official guest lectured on the subject.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>05/11/2016 - Provide additional supplemental material and experiences throughout the course and monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>

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Course SLO Status: Active	'C' or above.		
<p>ECC: FTEC 5 - Fire Behavior/Combustion - SLO #1 Fire Behavior and Chemistry - After the course of instruction the student will be able to recognize the terms and concepts related to fire behavior and chemistry.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2015-16 (Spring 2016)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple-choice test on terms and concepts related to fire behavior and chemistry.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students were graded on a standard grading scale of 70% = 'C', 80% = 'B', and 90% = 'A'. The goal is for at least 70% of the students in the class obtain a passing score of 70% or above.</p>	<p>12/15/2014 - At least 75% of the students passed with a 70% or better. This material is covered in other prerequisite courses and students have seen this material before. Consistent reinforcement of concept occurs during the course.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>05/11/2016 - Continue to consistently reinforce concepts throughout the course and monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 5 - Fire Behavior/Combustion - SLO #2 Physical States of Matter - The Student will be able to identify the 3 physical states of matter and their physical properties.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2016-17 (Spring 2017)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students will be given a multiple-choice test on the 3 physical states of matter and their physical properties.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = 'C', 80% = 'B', and 90% = 'A'. At least 70% of the students should achieve a passing score of 'C' or above.</p>	<p>12/15/2014 - 75% of the students achieved a score of 70% or higher in this area. This subject, along with a few others are covered in prerequisite and other courses. The material is not new to the students. Constant reinforcement of concept occurs throughout semester.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>05/11/2016 - Continue to consistently reinforce concepts throughout the course and monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 5 - Fire Behavior/Combustion - SLO #3 ICS System - The student will be able to identify the five basic sections of the ICS system.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014) 2017-18 (Spring 2018)</p> <p>Input Date: 11/29/2013</p> <p>Course SLO Status: Active</p>	<p>Assessment Method Description: Students were given a multiple-choice test on the five basic sections of the Incident Command System.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students were graded on a standard grade scale of 70% = 'C', 80% = 'B' and 90% = 'A'. 70% of the students need to achieve a passing score of 70% or higher.</p>	<p>12/15/2014 - Over 75 % of the students were successful in obtaining a passing score of 70% or greater. Use of case studies & archived incident videos where terminology is used was helpful to the students in understanding subject matter.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted: 2014-15 (Fall 2014)</p> <p>Faculty Assessment Leader: Kevin Huben</p>	<p>05/11/2016 - Continue to consistently reinforce concepts and provide examples throughout the course and monitor test scores for student success and outcomes</p> <p>Action Category: Teaching Strategies</p>
<p>ECC: FTEC 9 - Fire Apparatus and Equipment - SLO #1 Types of Aerial Apparatus - The student will be able to identify and describe various types of fire apparatus in terms of their operational characteristics.</p> <p>Course SLO Assessment Cycle: 2014-15 (Fall 2014)</p>	<p>Assessment Method Description: 70% of students will score 70% or better on 5 common embedded questions on the final exam.</p> <p>Assessment Method: Exam/Test/Quiz</p> <p>Standard and Target for Success: Students will be graded on a standard grade scale of 70% = C, 80% = B, 90% = A. 70 % of the</p>	<p>03/31/2015 - 84% scored 70% or better on the 5 common embedded questions on the final exam. Based on the data it appears sufficient time/instruction is being spent in this area. Additional time might not translate into a better result.</p> <p>Standard Met? : Yes</p> <p>Semester and Year Assessment Conducted:</p>	<p>04/02/2016 - Continue to monitor test scores for student success and outcomes.</p> <p>Action Category: Teaching Strategies</p>

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2016-17 (Fall 2016) Input Date: 11/29/2013 Course SLO Status: Active	students will achieve a passing score of C or above.	2014-15 (Fall 2014) Faculty Assessment Leader: W Warren Faculty Contributing to Assessment: W Warren	