

# Assessment: Course Four Column

FALL 2015



## El Camino: Course SLOs (IND) - Automotive Technology

### ECC: ATEC 16: Suspension and Four Wheel Alignment

Course SLOs	Assessment Method Description	Results	Actions
<p><b>SLO #1 Safety Exam</b> - Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Course SLO Status:</b> Active</p> <p><b>Course SLO Assessment Cycle:</b> 2015-16 (Fall 2015)</p> <p><b>Input Date:</b> 11/12/2013</p>	<p><b>Exam/Test/Quiz</b> - Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Standard and Target for Success:</b> Since safety is a key element in all shop classes and in the workplace, this multiple choice exam must be passed with 100% accuracy before students are allowed to work in the shop. In some cases, this requires multiple tries.</p> <p><b>Reviewer's Comments:</b> All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures, which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in</p>	<p><b>Semester and Year Assessment Conducted:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met?</b> : Standard Met</p> <p>A Safety Exam was given in class 24 students passed the exam with an A, 6 students passed the exam with a B, and 2 student passed the exam with a C. Upon review of the Safety Exam the students were reevaluated and all the students received an A (32 Students in all).</p> <p>All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in class. (12/17/2015)</p> <p><b>Faculty Assessment Leader:</b> Harry Stockwell</p> <p><b>Faculty Contributing to Assessment:</b> None</p> <p><b>Reviewer's Comments:</b> All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in class.</p> <p>1. The new DVD, that I have purchased, seems to help</p>	<p><b>Action:</b> After reviewing the Safety presentations, i have incorporated the use of a Safety DVD which seems to help the students understanding proper safety protocols in the automotive shop. (12/17/2016)</p> <p><b>Action Category:</b> Teaching Strategies</p>

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
	<p>class.</p> <p>1. The new DVD, that I have purchased, seems to help reinforce the proper Safety procedures, along with the use of the video presentations and demonstrations in of proper Safety protocols in the Automotive Technology repair shop.</p> <p>2. The use of newer DVD.s could be used to show more information on Safety procedures.</p>	<p>reinforce the proper Safety procedures, along with the use of the video presentations and demonstrations in of proper Safety protocols in the Automotive Technology repair shop.</p> <p>2. The use of newer DVD.s could be used to show more information on Safety procedures.</p>	

# ECC: ATEC 21:Introduction to Engine Tune-Up

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p><b>SLO #1 Safety Exam</b> - Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Course SLO Status:</b> Active</p> <p><b>Course SLO Assessment Cycle:</b> 2014-15 (Fall 2014), 2015-16 (Fall 2015)</p> <p><b>Input Date:</b> 11/12/2013</p>	<p><b>Exam/Test/Quiz</b> - An in class multiple choice Safety Exam based Industry Standards.</p> <p><b>Standard and Target for Success:</b> 100% of the students should score 100% on the Exam.</p> <p><b>Exam/Test/Quiz</b> - Students will take a multiple choice written safety examination after an introduction and extensive review of personal protective equipment, shop safety dangers and safe shop practices, proper use of hand tools, power tools, shop equipment and safety requirements for the course and shop lab exercises/work.</p> <p><b>Standard and Target for Success:</b> The expectation is that 90% of students will pass the Safety Test with a 75% or greater score the first time the exam is given. After a class discussion and a thorough review of safety procedures and protocols, and the safety test questions,100% of students will score a 90% or greater on the Safety exam.</p>	<p><b>Semester and Year Assessment Conducted:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met?</b> : Standard Met</p> <p>90% of students pass the Safety Test with a 75% or greater score the first time the exam was given. After a class discussion and a thorough review of safety procedures and protocols, and the safety test questions,100% of students scored a 100% on the Safety exam. (02/09/2016)</p> <p><b>Faculty Assessment Leader:</b> Mike Anderson</p>	<p><b>Action:</b> Continue to monitor test scores for student success and outcomes (02/16/2017)</p> <p><b>Action Category:</b> Teaching Strategies</p>

## ECC: ATEC 33:Transmission, Drive Train and Drive Axles

Course SLOs	Assessment Method Description	Results	Actions												
<p><b>SLO #1 Safety Exam</b> - Given an in class exam, based on readings, classroom discussions and demonstrations , the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Course SLO Status:</b> Active</p> <p><b>Course SLO Assessment Cycle:</b> 2015-16 (Fall 2015)</p> <p><b>Input Date:</b> 11/12/2013</p>	<p><b>Exam/Test/Quiz</b> - The class is given a standardized exam that is shared in all automotive classes. The exam has been used in the automotive department for many years and has been the measure of the students’ knowledge of automotive safety. The students are allowed an hour on the exam. Then the students review the exam to see where there short comings are for the exam.</p> <p><b>Standard and Target for Success:</b> It is expected that 100% of students will pass the exam and have an observable knowledge of safe working practices while the class is in lab sessions.</p> <p><b>Exam/Test/Quiz</b> - This is a standardized exam that is given to all students in all automotive classes.</p> <p><b>Standard and Target for Success:</b> To have 100% of the class to pass the exam with 100% of the questions answered correctly.</p>	<p><b>Semester and Year Assessment Conducted:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met?</b> : Standard Met</p> <table><tr><th># of students</th><th>score on exam</th></tr><tr><td>7</td><td>100%</td></tr><tr><td>10</td><td>95% to 100%</td></tr><tr><td>2</td><td>95% to 90 %</td></tr><tr><td>0</td><td>90% or less</td></tr><tr><td>19</td><td>Total number of students taking exam</td></tr></table> <p>Based off of the students exposure and the level of difficulty the students have been able to pass the exam with a 95 percent or better rate. The students also have been observed with the correct safe work practices when working in the lab. (02/04/2016)</p> <p><b>Faculty Assessment Leader:</b> Edward Matykiewicz</p>	# of students	score on exam	7	100%	10	95% to 100%	2	95% to 90 %	0	90% or less	19	Total number of students taking exam	<p><b>Action:</b> Change the standard safety exam that has been over utilized for an online version that is better equipped with multi media web based training to better enhance and enforce safety procedures that are more relevant to better enhance safety training SLO. (02/05/2017)</p> <p><b>Action Category:</b> Curriculum Changes</p>
# of students	score on exam														
7	100%														
10	95% to 100%														
2	95% to 90 %														
0	90% or less														
19	Total number of students taking exam														
<p><b>SLO #2 Automatic Transmission Inspection</b> - The student will inspect, test and evaluate operation of an automatic transmission using manufacturer testing procedures and specifications.</p> <p><b>Course SLO Status:</b> Active</p> <p><b>Course SLO Assessment Cycle:</b> 2015-16 (Fall 2015)</p> <p><b>Input Date:</b> 11/12/2013</p>	<p><b>Multiple Assessments</b> - The students have observed lab assignments, homework assignments, quizzes, hands on exams, and exams.</p> <p><b>Standard and Target for Success:</b> The target for the student is full readiness for is the industry certification exam ASE (Automotive Service Excellence) which is indicated by the assessment methods above.</p>	<p><b>Semester and Year Assessment Conducted:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met?</b> : Standard Not Met</p> <p>All of the students did not meet the readiness standards for the ASE Exam.</p> <table><tr><th>Students</th><th>Grades</th></tr><tr><td>3</td><td>A</td></tr><tr><td>4</td><td>B</td></tr><tr><td>5</td><td>C</td></tr><tr><td>0</td><td>D</td></tr><tr><td>3</td><td>F</td></tr></table>	Students	Grades	3	A	4	B	5	C	0	D	3	F	<p><b>Action:</b> The curriculum needs to be updated to better reflect the current NATEF (National Institute for Automotive Service Excellence) standards to better understand the operation of current automatic transmissions, which will help increase the relevance of this SLO. (02/05/2017)</p> <p><b>Action Category:</b> Curriculum Changes</p>
Students	Grades														
3	A														
4	B														
5	C														
0	D														
3	F														

# ECC: ATEC 41:Engine Rebuilding

<i>Course SLOs</i>	<i>Assessment Method Description</i>	<i>Results</i>	<i>Actions</i>
<p><b>SLO #1 Safety Exam</b> - Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Course SLO Status:</b> Active</p> <p><b>Course SLO Assessment Cycle:</b> 2015-16 (Fall 2015)</p> <p><b>Input Date:</b> 11/12/2013</p>	<p><b>Exam/Test/Quiz</b> - Given an in class exam, based on readings, classroom discussions and demonstrations, the student will be able to work in the Automotive Shop safely and pass the Automotive Safety Exam with 100% accuracy.</p> <p><b>Standard and Target for Success:</b> Since safety is a key element in all shop classes and in the workplace, this multiple choice exam must be passed with 100% accuracy before students are allowed to work in the shop. In some cases, this requires multiple tries</p> <p><b>Reviewer's Comments:</b> All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in class.</p>	<p><b>Semester and Year Assessment Conducted:</b> 2015-16 (Fall 2015)</p> <p><b>Standard Met?</b> : Standard Met</p> <p>A Safety Exam was given in class 17 students passed the exam with an A, 5 students passed the exam with a B, and 2 students passed the exam with a C. Upon review of the Safety Exam the students were reevaluated and all the students received an A (24 Students in all).</p> <p>All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in class. (12/17/2015)</p> <p><b>Faculty Assessment Leader:</b> Harry Stockwell</p> <p><b>Faculty Contributing to Assessment:</b> None</p> <p><b>Reviewer's Comments:</b> All of the students were able to pass the Safety Exam, but after reviewing the exam and some the safety procedures which the students were having difficulties with, many of the students were able to achieve a higher goals after reviewing the Safety procedures. I also used a new DVD to help illustrate and reinforce the safety information presented in class.</p> <p>1. The new DVD, that I have purchased, seems to help reinforce the proper Safety procedures, along with the use of the video presentations and demonstrations in of proper Safety protocols in the Automotive Technology repair shop.</p> <p>2. The use of newer DVD.s could be used to show more information on Safety procedures.</p>	<p><b>Action:</b> After reviewing the Safety presentations, i have incorporated the use of a Safety DVD which seems to help the students understanding of the proper safety protocols in the automotive shop. (12/17/2016)</p> <p><b>Action Category:</b> Teaching Strategies</p>