<table>
<thead>
<tr>
<th>Course SLOs 1 and ctu.unitid = 748</th>
<th>Assessment Methods &amp; Standard and Target for Success / Tasks</th>
<th>Results</th>
<th>Action &amp; Follow-Up</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ECC: ATEC 21 - Introduction to Engine Tune-Up - SLO #1 Safety Exam</strong> - 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.</td>
<td><strong>Assessment Method Description:</strong> An in class multiple choice Safety Exam based on Industry Standards. <strong>Assessment Method:</strong> Exam/Test/Quiz. <strong>Standard and Target for Success:</strong> 100% of the students should score 100% on the Exam.</td>
<td><strong>04/01/2015 - 90% of the students passed the Safety Exam with 100%. After reviewing the exam 100% of the students passed the exam with 100%.</strong></td>
<td><strong>04/23/2016 - Continue to monitor test scores for student success and outcomes.</strong></td>
</tr>
<tr>
<td><strong>Course SLO Assessment Cycle:</strong> 2014-15 (Fall 2014)</td>
<td><strong>Input Date:</strong> 11/12/2013</td>
<td><strong>Course SLO Status:</strong> Active</td>
<td><strong>Faculty Assessment Leader:</strong> Harry Stockwell <strong>Faculty Contributing to Assessment:</strong> Michael Anderson</td>
</tr>
<tr>
<td><strong>ECC: ATEC 21 - Introduction to Engine Tune-Up - SLO #2 Engine Analysis</strong> - The student will perform and analysis of an engine using the Automotive Compression/ Cylinder Leakage Test/Vacuum Testing lab worksheet to manufacturer specifications.</td>
<td><strong>Assessment Method Description:</strong> Students will demonstrate proficiency in engine condition diagnosis and analysis by completing a three part lab worksheet containing 1) compression testing all cylinders on a working engine 2) cylinder leakage testing those same cylinders and 3) Vacuum testing on a running engine. Prior to lab sheet work, students will glean all appropriate technical specifications and testing procedures from manufacturer service information and present this printed information to the Instructor before performing live in shop tests on a vehicle’s engine.</td>
<td><strong>03/03/2015 - 24 students were introduced to, instructed on and reviewed automotive shop safety hazards and prevention procedures via classroom lecture, multimedia presentation in both video and PowerPoint formats, classroom discussions and an automotive shop safety orientation tour. The safety exam content was included in these presentations and was thoroughly reviewed with in class oral quizzes mixed with classroom discussion. The Safety Exam was then administered with 24 of 24 students earning a 100% on the Safety Exam. Standard Met? : Yes</strong></td>
<td><strong>04/23/2016 - Continue to monitor test scores for student success and outcomes.</strong></td>
</tr>
<tr>
<td><strong>Course SLO Assessment Cycle:</strong> 2014-15 (Fall 2014)</td>
<td><strong>Input Date:</strong> 11/12/2013</td>
<td><strong>Course SLO Status:</strong> Active</td>
<td><strong>Faculty Assessment Leader:</strong> Michael Anderson <strong>Faculty Contributing to Assessment:</strong> Harry Stockwell</td>
</tr>
<tr>
<td><strong>ECC: ATEC 21 - Introduction to Engine Tune-Up - SLO #2 Engine Analysis</strong> - The student will perform and analysis of an engine using the Automotive Compression/ Cylinder Leakage Test/Vacuum Testing lab worksheet to manufacturer specifications.</td>
<td><strong>Assessment Method Description:</strong> Students will demonstrate proficiency in engine condition diagnosis and analysis by completing a three part lab worksheet containing 1) compression testing all cylinders on a working engine 2) cylinder leakage testing those same cylinders and 3) Vacuum testing on a running engine. Prior to lab sheet work, students will glean all appropriate technical specifications and testing procedures from manufacturer service information and present this printed information to the Instructor before performing live in shop tests on a vehicle’s engine.</td>
<td><strong>12/11/2014 - 90% of students scored a 75% or above the first time that proficiency was demonstrated. After Instructor’s correction 100% of students scored 75% or above the second time that proficiency was demonstrated. This shows that SLO’s objectives are being met at the present time. Standard Met? : Yes</strong></td>
<td><strong>02/23/2015 - All students met current standard, however, a few struggled to meet the initial passing standard mostly due to students being off task and/or distracted. I will sooner identify these students and pair them up with more assertive, on task students.</strong></td>
</tr>
<tr>
<td><strong>Course SLO Assessment Cycle:</strong> 2014-15 (Fall 2014)</td>
<td><strong>Input Date:</strong> 11/12/2013</td>
<td><strong>Course SLO Status:</strong> Active</td>
<td><strong>Faculty Assessment Leader:</strong> Michael Anderson <strong>Faculty Contributing to Assessment:</strong> Harry Stockwell</td>
</tr>
</tbody>
</table>

04/30/2015 5:27 PM Generated by TracDat a product of Nuventive. Page 1 of 2
<table>
<thead>
<tr>
<th>Course SLOs 1 and ctu.unitid = 748</th>
<th>Assessment Methods &amp; Standard and Target for Success / Tasks</th>
<th>Results</th>
<th>Action &amp; Follow-Up</th>
</tr>
</thead>
<tbody>
<tr>
<td>It is expected that 90% of students will score 75% or above on this SLO the first time proficiency is demonstrated. After initial correction of missed or inappropriately performed procedures by Instructor, it is expected that 100% of students will score 75% or above on this SLO.</td>
<td>03/10/2015 - Students were each assessed in the Automotive Shop by demonstrating proficiency in automotive battery testing using a DVOM and VAT-40 carbon pile load tester. 23 out of 24 students (95%) scored above 75% and after correction by instructor, all students (100%) scored above 75%. The SLO standard and target for success was met.</td>
<td>04/06/2016 - Continue to monitor test scores for student success and outcomes.</td>
<td></td>
</tr>
</tbody>
</table>

**ECC: ATEC 21 - Introduction to Engine Tune-Up - SLO #3 Battery System Test** - The student will be able to test the performance of the automotive battery charging and starting systems using the Automotive Battery/Charging/Starting Systems Testing lab worksheet and manufacturer specifications.

**Course SLO Assessment Cycle:**
2014-15 (Fall 2014)

**Input Date:**
11/12/2013

**Course SLO Status:**
Active

**Assessment Method Description:**
Using the Automotive Battery/Charging/Starting Systems Testing lab worksheet and manufacturers specifications as a guide, students will demonstrate proficiency in testing an automotive battery using a digital volt ohm meter (DVOM) and a "VAT-40" voltage/amperage carbon pile load tester. Prior to lab sheet work, students will glean all appropriate technical specifications and testing procedures from manufacturer service information and present this printed information to the instructor before performing live in shop tests on a vehicle’s battery, charging system or starter.

**Assessment Method:**
Laboratory Project/Report

**Standard and Target for Success:**
It is expected that 90% of students will score 75% or above on this SLO the first time proficiency is demonstrated. After initial correction of missed or inappropriately performed procedures by Instructor, it is expected that 100% of students will score 75% or above on this SLO.

**Standard Met?**
Yes

**Semester and Year Assessment Conducted:**
2014-15 (Fall 2014)

**Faculty Assessment Leader:**
Michael Anderson

**Faculty Contributing to Assessment:**
Michael Anderson

**Action Category:**
Teaching Strategies

04/30/2015 5:27 PM

Generated by TracDat a product of Nuventive.