

Unit Course Assessment Report - Four Column

Guam Community College

Automotive Services Technology AS & Certificate

Mission Statement: The mission of the Automotive program is to develop a skilled and competent automotive workforce, based on industry needs, for the Guam community and the region.

Vision Statement: The program envisions producing automotive graduates that will improve the quality of vehicle repair and service at their respective organizations.

Course SLO Description	Means of Assessment & Criteria (Written in %) / Tasks	Data Collection Status/Summary of Results	Use of Summary Result & Implementation Status
<p>Automotive Services Technology AS & Certificate - AST100 (formerly ME150 & ME150B) - Introduction to Automotive Service - SLO#3 - SLO#3 FA10-SP12: Upon successful completion of this course, students will be able to identify basic hand tools and shop equipment and demonstrate proper use.</p> <p>(Created By Automotive Services Technology AS & Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Start Date: 10/11/2010</p> <p>End Date: 03/14/2011</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: N/A</p> <p>Type of Industry National Certification: This SLO is in alignment with the standards set by the National Institute for Automotive Service Excellence (ASE).</p> <p>Course-level SLO Plan reflects/incorporates: N/A</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students will complete a 40 question test consisting of multiple choice questions and picture matching.</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Textbook/Author Designed Tests</p> <p>Criterion (Written in %): 70% of students will score a 70% or higher on the exam</p> <p>Related Documents: AST100-3</p>	<p>03/12/2012 - Out of 43 students that took the exam (n=43), 28% (12 students) scored 70% or better and 72% (31 students) scored below 70%. * Please see attached graph for detailed breakdown.</p> <p>Summary of Result Type: Criterion Not Met</p> <p>Data Collection Status/Summary of Result Status: Program Level Implementation Status</p> <p>Budget Implications: No budget impact</p> <p>Notes: Due to limited data, the budget implications for this SLO could not clearly be determined. This will be addressed in the next cycle.</p> <p>Budget Related Performance Indicators: Through meetings with advisory committee</p> <p>Related Documents: AST100_CLSLO#3.pdf</p>	<p>03/12/2012 - Based on results, AST faculty will develop an assessment tracking tool to monitor student progress. This tool will give faculty immediate feedback on the progress of student learning so problems can be addressed before administering course level SLO exam. We determined to much information was given at one one time and this negatively affected comprehension of content.</p> <p>Implementation Status: 03/12/2012 - Proposed assessment tracking tool was created and will be used next cycle</p>
<p>Automotive Services Technology AS & Certificate - AST110 (formerly ME178A & ME178B) - Engine Repair - 2011-2012 Catalog SLO#3 - SLO#3 FA10-SP12: Upon successful completion of this course, students will be able to perform basic</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Multiple choice written exam</p> <p>Criterion (Written in %): 70% will score a 70% or better</p>	<p>03/12/2012 - Out of 8 students that took the exam (n=8), 100% (8 students) scored 70% or better. * Please see attached graph for detailed breakdown.</p> <p>Summary of Result Type: Criterion Met</p>	<p>03/12/2012 - Based on results, AST faculty will develop an assessment tracking tool to monitor student progress. This tool will give faculty immediate feedback on the progress of student learning so</p>

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<p>service and repair procedures on an engine. (Created By Automotive Services Technology AS & Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Cognitive outcomes</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: N/A</p> <p>Type of Industry National Certification: National Institute for Automotive Service Excellence (ASE)</p> <p>Course-level SLO Plan reflects/incorporates: N/A</p>		<p>Data Collection Status/Summary of Result Status: Course Level Data Collection Status</p> <p>Budget Implications: No budget impact</p> <p>Notes: Due to limited data, the budget implications for this SLO could not clearly be determined. This will be addressed in the next cycle.</p> <p>Budget Related Performance Indicators: Through meetings with advisory committee</p> <p>Related Documents: AST110_CLSLO#3.pdf</p>	<p>problems can be addressed before administering course level SLO exam.</p> <p>Implementation Status: 03/12/2012 - Proposed assessment tracking tool was created and will be used next cycle</p>
<p>Automotive Services Technology AS & Certificate - AST130 (formerly ME167) - Manual Drive Train and Axles - SLO#1 - SLO#1 FA10-SP12: Upon successful completion of this course, students will be able to diagnose general drive train faults. (Created By Automotive Services Technology AS & Certificate)</p> <p>Start Date: 10/11/2010</p> <p>End Date: 03/14/2011</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: Yes</p> <p>Type of Industry National Certification: This SLO is in alignment with the standards set by the National Institute for Automotive Service Excellence (ASE).</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students will complete a 20 question, multiple choice, test</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Textbook/Author Designed Tests</p> <p>Criterion (Written in %): 70% of students will score a 70% or higher on the exam</p> <p>Related Documents: AST130-1</p>	<p>03/12/2012 - Out of 17 students that took the exam (n=17), 47% (8 students) scored a 70% or better and 43% (9 students) scored below 70%. * Please see attached graph for detailed breakdown.We determined to much information was given at one one time and this negatively affected comprehension.</p> <p>Summary of Result Type: Criterion Not Met</p> <p>Data Collection Status/Summary of Result Status: Course Level Data Collection Status</p> <p>Budget Implications: No budget impact</p> <p>Notes: Due to limited data, the budget implications for this SLO could not clearly be determined. This will be addressed in the next cycle.</p> <p>Budget Related Performance Indicators: National Institute for Automotive Service Excellence (ASE)</p> <p>Related Documents: AST130_CLSLO#1.pdf</p>	<p>03/12/2012 - Based on results, AST faculty will develop an assessment tracking tool to monitor student progress. This tool will give faculty immediate feedback on the progress of student learning so problems can be addressed before administering course level SLO exam.</p> <p>Implementation Status: 03/12/2012 - Proposed assessment tracking tool was created and will be used next cycle</p>

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<p>Automotive Services Technology AS & Certificate - AST170 (formerly ME176) - Heating and Air Conditioning - SLO#1 - FA10-SP12 SLO#1</p> <p>Upon successful completion of this course, students will be able to conduct performance check on A/C system and determine concern. (Created By Automotive Services Technology AS & Certificate)</p> <p>Assessment Cycle Domain Type: SLO-Affective outcomes</p> <p>Start Date: 10/11/2010</p> <p>End Date: 10/15/2012</p> <p>Course Outcome Status: Currently being assessed</p> <p>Capstone Course/CTE Related Course: N/A</p> <p>Type of Industry National Certification: This SLO is in alignment with the standards set by the National Institute for Automotive Service Excellence (ASE).</p> <p>Course-level SLO Plan reflects/incorporates: N/A</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students will complete an exam that consist of short answer type questions</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Textbook/Author Designed Tests</p> <p>Criterion (Written in %): 70% of students will score a 70% or better on the exam</p> <p>Related Documents: AST170 SLO#1</p>	<p>03/12/2012 - Out of 9 students that took the exam (n=9), 100% (9 students) scored a 70% or better. * Please see attached graph for detailed breakdown.</p> <p>Summary of Result Type: Criterion Met</p> <p>Data Collection Status/Summary of Result Status: Course Level Data Collection Status</p> <p>Budget Implications: No budget impact</p> <p>Notes: Due to limited data, the budget implications for this SLO could not clearly be determined. This will be addressed in the next cycle.</p> <p>Budget Related Performance Indicators: Through meetings with advisory committee</p> <p>Related Documents: AST170_CLSLO#1.pdf</p>	<p>03/12/2012 - Based on results, AST faculty will develop an assessment tracking tool to monitor student progress. This tool will give faculty immediate feedback on the progress of student learning so problems can be addressed before administering course level SLO exam.</p> <p>Implementation Status: 03/12/2012 - Proposed assessment tracking tool was created and will be used next cycle</p>
<p>Automotive Services Technology AS & Certificate - AST180A (formerly ME177A) - Engine Performance I (Tune-up, No Fuel / Emission) - SLO#1 - FA10-SP12 SLO#1</p> <p>Upon successful completion of this course, students will be able to perform general engine diagnosis. (Created By Automotive Services Technology AS & Certificate)</p> <p>Start Date: 10/11/2010</p> <p>End Date: 03/14/2011</p> <p>Course Outcome Status: Currently being assessed</p>	<p>Artifact/Instrument/Rubric/Method/Tool Description: Students will complete an exam consisting of multiple choice type questions</p> <p>Type of Artifact/Instrument/Rubric/Method/Tool: Textbook/Author Designed Tests</p> <p>Criterion (Written in %): 70% of students will score a 70% or higher on the exam.</p> <p>Related Documents: AST180A SLO#1</p>	<p>03/12/2012 - Out of 9 students that took the exam (n=9), 100% (9 students) scored a 70% or better.</p> <p>Summary of Result Type: Criterion Met</p> <p>Data Collection Status/Summary of Result Status: Course Level Data Collection Status</p> <p>Budget Implications: No budget impact</p> <p>Notes: Due to limited data, the budget implications for this SLO could not clearly be determined. This will be addressed in</p>	<p>03/12/2012 - Based on results, AST faculty will develop an assessment tracking tool to monitor student progress. This tool will give faculty immediate feedback on the progress of student learning so problems can be addressed before administering course level SLO exam.</p> <p>Implementation Status: 03/12/2012 - Proposed assessment tracking tool was</p>

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Capstone Course/CTE Related Course: N/A Type of Industry National Certification: This SLO is in alignment with the standards set by the National Institute for Automotive Service Excellence (ASE).		the next cycle. Budget Related Performance Indicators: Through meetings with advisory committee Related Documents: AST180_CLSLO#1.pdf	Implementation Status: created and will be used next cycle