

**Assessment, Improvement, Measurement (AIM) Report: 04/03/2013****Plan Year:** 2011-2012**Unit:** Automotive Technology**Coordinator(s):** Steven Johnson, Karman Wheeler, William Franklin**Reviewer:** William Franklin

Objective or Outcome	Measure(s)				
	Measure Text	Achievement Target	Results	Achievement Target Result	Use of Findings/Next Steps
SLO 1 - Students will be able to troubleshoot/diagnose electronic transmission and electrical component problems.	Checklists for troubleshooting and diagnosing electronic transmissions and other electrical components	90% of the students being competent in troubleshooting and diagnosing electronic transmissions and other electrical components	Troubleshooting - 95 % demonstrated comprehension in troubleshooting electronic transmissions and other electrical components.	Met	Due to curriculum rotation, this outcome will not be able to be reassessed in 2012-2013. A new outcome to be assessed has been identified for 2012-2013 - Students will be able to perform measurements on engine components.
SLO 2 - In addition to be able to evacuate, charge, and service an automotive air conditioning system, the students will demonstrate the proper procedure for handling refrigerants.	Automotive Air Condition System Performance Exam and Refrigerant Recovery and Recycling Exam	90% of the graduates will score 75% or higher on these components of both examinations.	Over 90% the graduates scored at least 75% or higher on these components of the Performance Exam and Refrigerant Recovery and Recycling Exam.	Met	Students have achieved excellent success in their ability to evacuate, charge, service air conditioning systems, and handling refrigerants in 2010-2011 and 2011-2012. Faculty feel the need to focus on another outcome in 2012-2013 since students have been so successful with air conditioning concepts and based on the fact that the curriculum and course sequencing in 2012-2013 will not include the air conditioning concepts. Focus in 12-13 will be on the graduates' ability to perform valve

					adjustment procedures on all internal types of combustion engines.
SLO 3 - Graduates will be able to retrieve diagnostic troubleshooting codes and identify problem circuits.	Diagnostic Codes/Circuits Performance Exam including the proper utilization of the code flow charts.	100% of the students scored above 75% on the components on the performance exam related to diagnostic troubleshooting coeds and problem circuits.	All of the students scored above 75%.	Met	Due to curriculum rotation, this outcome will not be able to be reassessed until 2013-2014. in 2012-2013. And, although all students scored over 75%, use of multiple scan tools will be emphasized with the outcome being reassess in 2013-2014. A new outcome to be assessed has been identified for 2012-2013 - Students will be able to demonstrate correct procedures for vehicle alignment.