

Assessment, Improvement, Measurement (AIM) Report: 09/25/2014**Plan Year:** 2014-2015**Unit:** Engineering and Electronics Technology**Coordinator(s):** Kevin Jensen, Karman Wheeler**Reviewer:** Kevin Dunn

Objective or Outcome	Measure(s)		
	Measure Text	Achievement Target	Assess Month
Basic law's of electricity (Ohm's law, Kirchhoff's laws, series, parallel, and combination circuits) are used extensively in all electrical classes and is therefore critical for student master in their first year of classes. First year electrical students will demonstrate their understanding of these basic laws of electricity by designing, building, and testing a loaded voltage divider circuit. Each student will also be required to summarize the results of this project in a written report..	Project - The project will be graded on a 100-point evaluation instrument based on how well the circuit is designed, drawn as a schematic, built, and described in a written report. This goal will be met when 90% of students score a 80 or higher on the Loaded Voltage divider project	This goal will be met when 90% of students score a 80 or higher on the Loaded Voltage divider project	December
Students will demonstrate an understanding of transistor operations in Solid State Circuits (Task 21).	NOCTI scores for task 21.	This goal will be met when the score for task 21 has increased 10%. The current score of 36.0 should increase to 39.6 to be MET.	December
Students will be able to correctly utilize a reference manual in the area of Digital Theory. (Task 39)	NOCTI score on task 39	This goal will be met when the score for task 39 has increased 10%. The current score of 33.3 should increase to 36.6 to be MET.	April