

Assessment, Improvement, Measurement (AIM) Report: 04/03/2013**Plan Year:** 2012-2013**Unit:** Industrial Maintenance**Coordinator(s):** Kenneth Douglass, Jarvis Long, Karman Wheeler, Paul Turner**Reviewer:** Paul Turner

Objective or Outcome	Measure(s)		
	Measure Text	Achievement Target	Assess Month
SLO 1 - Students will be able to troubleshoot and measure 3-phase power circuits.	Students success will be evaluated by providing end of semester final (examining the students logical approach.	Assigned Project. With success at 7 out of the eight stations as it relates to the 3-phase power circuits.	April
SLO 2 - Students will be able to perform precision alignment on mechanical drive components using dial indicators and LASER equipment.	Faculty observations on precision alignment of students using a rubric.	85% of students will perform precision alignment on mechanical drive components using dial indicators and LASER equipment through faculty observation (rubric).	April
SLO 3 - Students will be able to install, maintain, and troubleshoot fluid power systems with emphasis on pressure release valves.	Observation skills final - One station project: Design, install, successful operation of fluid power system. Rubric will be used for the assessment of the three components with all students scoring a 4 or higher on a 1-5 point rubric.	Part 1 - Written Exam related to designing and building fluid power system. All of the students will score at least 80% on questions related to designing and building the fluid power system. Part 2 - Design - A rubric will be used with all students scoring above a 4. Part 3 - Build - Using a rubric to evaluate the students ability to build fluid power system based on their design. (Note: Compare students placement of pressure release valves between 2010-2011 and 2011-2012.)	April