

Assessment, Improvement, Measurement (AIM) Report: 09/24/2014**Plan Year:** 2014-2015**Unit:** Computerized Mfg. & Machining - Lexington**Coordinator(s):** Mark Welch, Karman Wheeler, Danny Roberts**Reviewer:** Kevin Dunn

Objective or Outcome	Measure(s)		
	Measure Text	Achievement Target	Assess Month
SLO 1 - Students will be able to schedule job operations in chronological sequence in which parts would be produced in an industrial setting. (Program Learning Outcomes 5 and 8)	Production of tapered threaded adapter with examination of degree on taper and on dimensions. Additionally, a rubric will be used to assess the sequence.	Taper: Blueprint +/- half degree tolerance Dimensions: Blueprint 0.005 degree tolerance Rubric - 90% will accomplish acceptable sequence	April
SLO 2 - Students will be able to setup and operate conventional lathes and mills performing machining operations and holding tolerances that are required by curriculum task lists in alignment with national standards. (Program Learning Outcomes 2, 3 and 4)	Production of surface gage with acceptable blueprint tolerance. Rubric will be used to assess functionality.	Blueprint - 90% will demonstrate acceptable blueprint tolerance. Rubric - 90% will demonstrate acceptable functionality	April
Students will be able to produce manual written and computer aided manufacturing programs to utilize on CNC equipment.	Rubric and blueprint tolerance on multiple projects on various CNC machines	Rubric - 90% will be able to produce manual written and computer aided programs for use on CNC equipment. Blueprint Tolerance - 90% will achieve acceptable tolerance levels.	April