

Assessment, Improvement, Measurement (AIM) Report: 04/03/2013**Plan Year:** 2012-2013**Unit:** CADD/Civil Engineering**Coordinator(s):** Karman Wheeler, William Franklin**Reviewer:** William Franklin

Objective or Outcome	Measure(s)		
	Measure Text	Achievement Target	Assess Month
CET/SLO 1 - Students will be able to interpret land surveying data.	Collection of data in the field evaluated for creation of drawing within industry accepted error. The error is variable depending on the class of survey.	70% of the graduates will be able to create a drawing meeting industry specs as it they relate to acceptable error based on the industry's standardized classification survey.	December
CET/SLO 2 - Students will demonstrate knowledge of geography and topography.	Successfully completing 60% of the related questions on the final evaluation related to geography and topography.	All students will successfully complete 60% of the geography and topography related questions on their final evaluation.	December
CET/SLO 3 - Students will demonstrate knowledge of drainage areas.	Practical project exercise (final project in 2nd year class).	All students will demonstrate 75% accuracy on their final project exercise.	April
CAD/SLO 1 - (Program Learning Outcome 7) Students will be able to perform geometric construction.	Five point rubric on module or group of assignments. The students will be provided written instructions and will be evaluated on the ability to follow the instructions and will perform geometric constructions on a group of assignments (modules).	Students will be able to score at least a 3 on their module or group of assignments.	December
CAD/SLO 2 - (Program Learning Outcome 23) Students will demonstrate knowledge of geometry.	Related questions on their final evaluation. Students will be able to define and comprehend geometry based on this component within their final evaluation (exam).	Students will successfully complete 60% (3 out of 5) of the questions related to this component on their final evaluation.	December
CAD/SLO 3 (Program Learning Outcome 28) - Students will be able to create working drawings.	Drawing completion and evaluation of each drawing within the set of drawings. Students will be able to complete a set of plans that will be able to be used in the field (for construction projects).	75% accuracy of completing the drawings with the evaluation to include evaluation of each drawing within the set of drawings.	April