Assessment, Improvement, Measurement (AIM) Report: 04/03/2013

Plan Year: 2011-2012

Unit: CADD/Civil Engineering
Coordinator(s): 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			
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.	83.3% were able top interpret land survey data by creating a drawing that met industry specs.	Met	Faculty recognized students with prereq more successful than students receiving override, therefore 2012-2013 emphasize placed on mandating fewer overrides or documentation of fundamental comprehension.			
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.	greater than 60% demonstrated competency	Met	raise achievement target to 70%, and enhance problem solving and critical thinking skills related to design assessment.			
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.	no students ready to assess at this level	Not Met	to be assessed in 2012-2013			
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.	Students successfully completed outcome scoring three or above.	Met	Although students met outcome fundamental geometry skills are weak, tutoring to be added to enhance the geometry fundamentals necessary for their success.			
CAD/SLO 2 - (Program Learning Outcome 23) Students will demonstrate knowledge	Related questions on their final evaluation. Students will be able to define and comprehend geometry based	Students will successfully complete 60% (3 out of 5) of the questions related to this component on their final	Students were successful in completing 3 of 5 questions related to geometry on their final exam.	Met	Although students met outcome fundamental geometry skills are weak, tutoring to be			

1 of 2 4/3/2013 9:57 AM

ot deometry	on this component within their final evaluation (exam).	evaluation.			added to enhance the geometry fundamentals necessary for their success.	
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.	No students at the level for this assessment 2011-2012.	Not Met	Will be assessed 2012-2013.	

2 of 2 4/3/2013 9:57 AM