

**Assessment, Improvement, Measurement (AIM) Report: 09/24/2014**

Plan Year: 2013-2014

Unit: Construction Technology

Coordinator(s): Claude Gross

Reviewer: Kevin Dunn

Objective or Outcome	Measure(s)					
	Measure Text	Achievement Target	Results	Achievement Target Result	Use of Findings/Next Steps	Assess Month
Students will be able to demonstrate an understanding of safe practices as they relate to OSHA regulations for scaffold safety.	OSHA 10 certification and class exam on scaffold safety and safety procedures for the use of guard rails.	80% of graduates will receive certification and successful completion of scaffold safety exam.	100 % of student's scored better than 90% on basic scaffold set up that did not include proper guard railing. Guardrailing is not required for a one section set up. Each student had ti individually set up one section of scaffolding.	Met	I was pleased with the results of a one section set up. I will now use these results to build on teaching guard railing and safety features which are OSHA required at higher levels.	December
	Check List - Safety practices are an ongoing process I plan on physically observing students safety practices that relate to OSHA regulations. If a student is not following OSHA regulations that were taught in class I will address the issue by verbally questioning the student . If issue continues student will be required to spend extra time reviewing OSHA material.	98% of the students will successfully meet the checklist requirements and not require individual attention.	Over 98% of the students successfully met the checklist requirements and did not require individual attention related to safe practices.	Met	The biggest challenge is students understanding the concepts but are unable to apply them to actual work/lab settings. The instructor will continue to provide individual attention as needed.	May
Students will demonstrate critical thinking and problem solving skills within construction technology.	Rubric to assess students' knowledge and problem solving skills in developing a roof plan. The drawing of the roof plan will include measures with roof pitches that allows an offset position.	85% of the students will receive a 3 or higher on the 5 point rubric.	Target goal was achieved. Students were challenged to understand and utilize the process of designing a basic roof with uneven pitches.	Met	One of the biggest challenges is for students to understand the sequence of steps involved in developing roof pitches. Additional lab exercises related to	April

					the sequence of steps will be implemented to reinforce the sequencing concepts.	
Students will utilize and maintain commonly used hand and power tools.	1. Instructor's visual evaluation of the selection of tools for various projects as noted on the task sheet. 2. Power tools quiz.	1. All students will select appropriate tools and safety utilize them in the manufacturer's recommended use. 2. All students will score at least 90% on the power tools quiz.	Students met both achievement targets in being able to select appropriate tools with safe utilization and scoring over 90% on the power tools quiz.	Met	Will reinforce proper tool selection concepts as they relate to specific jobs.	April