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

Plan Year: 2011-2012 Unit: Fire Science

Coordinator(s): William Franklin, Karman Wheeler, Whitney Innes, Ashley McWaters

Reviewer: Bonnie Nicholson

Objective or Outcome	Measure(s)				
	Measure Text	Achievement Target	Results	Achievement Target Result	Use of Findings/Next Steps
SLO 1 - Graduates will be proficient at entry level EMS skills for treating trauma patients with emphasis on obstetrics (e.g. pre-delivery, delivery, and post-delivery skills and knowledge)	Two types of assessment will be used: 1. Skill assessment of all three areas (by instructor). 2. Written assessment - Obstetric portion of final exam and/or IFSAC (an optional licensure exam) OB section.	Written and skill set checklist will be used at the end of the semester. Ninety-five percent of the students will score 75% or higher on this portion of the written test and 95% of the students will successfully perform skill set on first attempt (instructor's evaluation).	92% of the students who finished the class for Spring, 2012 made a C or better in the course.	Met	The skill set evaluation by the instructor will be used again in 2012-13 and with emphasis to students on the importance of reading materials not presented in lecture. In addition mini-take home exams will be used to encourage reading of materials. Group projects will also be considered.
SLO 2 - Graduates will use critical thinking skills to analyze different stages of fire and fire development, including the recognition of unsafe practices as they pertain to various fireground issues.	Instructor observation/skill set	75% of the students will be proficient on their first attempt.	Over 75% of the students were proficient on their first attempt.	Met	The skill set evaluation by the instructor will be used again in 2012-13 and additional repetitive drills will be implemented to encourage students success on their first attempt.
SLO 3 - Students will demonstrate preparedness in analyzing and taking appropriate action in auto extrication.	Students will be given a auto extrication situation and will be assessed by the instructor on critical skills. Critical thinking skills related to auto extrication will be evaluated using this section of the final examination.	Skills Evaluation Checklist and auto extrication on final examination.	75% of the students made at least a 70% in the different stages of auto extrication in Spring, 2012.	Met	Students have demonstrated success on this outcome within the last two years. In 2012-2013 we will focus on aircraft rescue.

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