

Assessment, Improvement, Measurement (AIM) Report: 10/08/2013**Plan Year:** 2012-2013**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.	93% of the EMT students (13 of 14) passed the skills set. Only 33% of the students passed the written National Registry exam (EMT exam.) Real numbers were 2 out of 6 students who have attempted the exam.	Partially Met	75% percent pass rate for 1st NREMT is an unrealistic goal. This test is a national standardized test that is very difficult to pass without selective admission to the EMT program. Some of the possible improvements that we can make are mandating the use of the approved workbook that is associated with the curriculum inline with NREMT standards. Also, promoting the use of free online study aids for each student.
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.	100% of the 18 students successfully demonstrated critical thinking skills related to analysis of fire and fire development. Note: The recommendation from 11/12 to provide additional repetitive drills enhanced the students' success.	Met	While students were successful on this outcome, faculty identified the need for more exposure to real-life situations. We plan to implement several field trips to various sites to provide additional hands-on/exposure to real-life situations. The students' success for this outcome has been assessed for two cycles. Therefore, a new outcome will be identified for 13/14.
	Students will be given a aircraft rescue situation and		14 out of 22 students passed the written test of the aircraft		Faculty discussed the lower written scores. Faculty feel student

<p>SLO 3 - Students will demonstrate preparedness in analyzing and taking appropriate action in aircraft rescue.</p>	<p>will be assessed by the instructor on critical skills. Critical thinking skills related to aircraft rescue will be evaluated using this section of the final examination.</p>	<p>75% of the students will score 30 or higher on the written portion. 75% of the students will successfully pass the Skills Evaluation.</p>	<p>portion of the final. (64%) 18 out of 22 students passed the skills set (82%) Note: When skills and written exam are averaged together, all students achieved a 60% or higher cumulative score.</p>	<p>Partially Met</p>	<p>participation and attitude play an important part in these lower scores. Faculty plan to implement pop quizzes and homework to encourage students to read textbooks and resources.</p>
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