

Student Learning Outcomes Assessment Summary

Emergency Service: Fire Science, AAS

UAF Community and Technical College

AY2011-2012

Submitted by: John George
Contact Information: 907-455-2879
Date: 9/21/12

1. Assessment information collected

- a. Graduates will secure employment in emergency services or a closely related field or go on for additional education, training, or experience within one year.
- b. Students will satisfactorily complete the State of Alaska/International Fire Service Accreditation congress certification in one or more of the following:

Firefighter I
Firefighter II
Rapid Intervention Technician
Or
National Wildfire Coordination Group standardized testing
- c. Students will demonstrate knowledge of the Incident Command System through standardized testing in relevant courses.

2. Conclusions drawn from the information summarized above

- a. The majority of students in our AAS graduates, over 80%, were successful in obtaining employment or continuing their education through a paramedic program or the Bachelors of Emergency Management and Homeland Security.
- b. The majority of students in our program successfully passed State of Alaska/International Fire Service Accreditation Congress examinations.
99% Firefighter I
100% Firefighter II

100% Rapid Intervention

- c. We found that students in the Fire F101 class were successful in passing the FEMA online I-100 Basic Incident Command course. When a follow up examination was done in class two weeks after the online course, 70% of the students failed to pass the written examination.

3. Curricular changes resulting from conclusions drawn above

- a. No changes required at this time.
- b. No changes required at this time.
- c. We recognized that Incident Command System information was not being retained. Student feedback was collected from past Incident Command System instruction and testing. A study guide was developed for students based on the feedback. New data will be collected Fall 2012 to determine if the study guide results in a higher retention of Incident Command System information.

4. Identify the faculty members involved in reaching the conclusions drawn above and agreeing upon the curricular changes resulting

John George, Assistant Professor
Loren C. "Bud" Rotroff, Adjunct Professor