NWACC Fire Science Program Outcomes

Upon graduation, students will:

1. ***Be prepared to fulfill the role of an entry level Firefighter***

   Methods of Assessment: a. Arkansas Fire Academy IFSAC Firefighter I and II certifications
   b. 80% minimum first time pass rates with a grade of "C" or better
   c. Employer Surveys

2. ***Be prepared to fulfill the role of a basic Emergency Medical Technician***

   Methods of Assessment: a. Arkansas Department of Health and/or NREMT-A certification
   b. Employer Surveys

3. ***Be prepared to fulfill the role of a Hazardous Materials First Responder at the Awareness and Operations Level***

   Methods of Assessment: a. Arkansas Fire Academy IFSAC Hazardous Materials certifications at the Awareness and Operations Level
   b. 80% minimum first time pass rates with a grade of "C" or better
   c. Employer Surveys

4. ***Be accepted into a 4 year college/university if they apply to continue their education to the Baccalaureate level***

   Methods of assessment: a. Students are accepted into a 4 year college/university that NWACC has Articulation Agreements, or any other regionally accredited college/university if they apply
   b. Program Director survey of graduates

5. ***Be prepared to successfully compete for advancement above the rank of Firefighter***

   Methods of Assessment: a. Annual Fire Chief/Employer Survey

2010 Program Outcome Results

Program Outcomes 1, 2, and 3 – Outcomes were all positive. All five (5) graduates meet certification requirements, and employer surveys were they agreed or strongly agreed graduates were fulfilling their expected roles.

Program Outcome 4 – Three (3) prior graduates of the program were pursuing their education beyond the Associates degree level.

Program Outcome 5 – Two prior graduates had been promoted in 2010, and one promoted who is currently enrolled in the program.

2011 Program Outcome Results

Program Outcomes 1, 2, and 3 – Outcomes were all positive. All five (5) graduates meet certification requirements, and employer surveys were they agreed or strongly agreed graduates were fulfilling their expected roles.

Program Outcome 4 – Zero (0) prior graduates of the program reported they were pursuing their education beyond the Associates degree level.

Program Outcome 5 – Three (3) prior graduates had been promoted in 2011.

2012 Program Outcome Results

Program Outcomes 1, 2, and 3 – Outcomes were all positive. Four (4) graduates that were hired by a fire department meet certification requirements, and employer surveys indicated they agreed or strongly agreed graduates were fulfilling their expected roles.

Program Outcome 4 – One (1) graduate of the program reported they were pursuing their education beyond the Associates degree level.

Program Outcome 5 – Two (2) prior graduates had been promoted in 2012.

Note - One 2012 graduate of the program was hired not by a Fire Department but by an Architectural Firm as a Fire Protection Designer I. The graduate was described by their Supervisor, a Fire Protection Engineer (FPE) as "talented", and requested that if I had any other graduates interested in the fire protection design/engineering field to please have them contact him because he was looking for "additional talent" like the college's graduate to hire.

2013 Program Outcome Results

Program Outcomes 1, 2, and 3 – Outcomes were all positive. Seven (7) graduates that were hired by a fire department meet certification requirements, and employer surveys indicated they agreed or strongly agreed graduates were fulfilling their expected roles except for (1) one graduate that was still such a new hire they received a "neutral" on Program outcomes 2 and 3 with the supervisor's comments stating the graduate "has great potential, and needs additional training and monitoring that you would expect of a probationary firefighter."

Program Outcome 4 – One (1) graduate of the program reported they were pursuing their education beyond the Associates degree level.

Program Outcome 5 – One (1) prior graduate had been promoted in 2013.