

## **Lansing Community College Regional Fire Training Center**

### **Learning Outcomes Assessment Process**

According to the Bureau of Labor statistics the Lansing/East Lansing Metro Area currently employees 350 full time career fire fighters. The average yearly salary is \$44,610. Michigan is currently experiencing a high need for new firefighters. At the time of this update (September 2018) there were 27 full time fire departments in Michigan with vacancies posted. According to fema.gov Michigan has 965 registered fire departments. Which include career, volunteer, part paid and combination departments. Lansing Community College's Fire Science Program provides education experiences that introduce occupational knowledge, academics, and skills necessary for employment acquisition and career advancement.

Lansing Community College's Fire Science program is also a Regional Fire Training Center for the State of Michigan.

### **Lansing Community College's Fire Science program has three main areas of study.**

#### **1. A Fire Science / Basic EMT Associates Degree in Applied Science**

This degree curriculum is accredited through the International Fire Service Accreditation Congress and is for students who wish to combine fire service and emergency medical service education and training into a single degree program. This degree choice will expedite the career path of those students interested in a career within public or private agencies that require credentials in both the fire and emergency medical services fields. Students will complete certifications for Fire Fighter I & II, Basic Emergency Medical Technician, Hazardous Materials Operations, Wildland Fire Fighter II, NIMS 100 and 200, Vehicle Extrication, and Advanced Vehicle Stabilization. The fire science segment meets the state standards of the Michigan Fire Fighter Training Council's Fire Fighter I and II certification process and requires department approval to enroll in the Regional Fire Training Center at Lansing Community College. Basic EMT courses are approved by the Michigan Department of Consumer and Industry Services. An EMT Academy option is available to students.

#### **2. A Fire Science Technology Associates Degree in Applied Science**

This degree program is accredited through the International Fire Service Accreditation Congress (IFSAC) and provides students with three options to pursue a fire service career area. Students in this program choose one pathway to determine the courses to take each semester. 1) National Fire Academy Curriculum pathway: This option provides an individual with the ability to continue their educational pursuit to a four year fire science program. 2) Fire Fighter pathway: This option follows a general fire service career path and meets the state standards of the Michigan Fire Fighter Training Council's Fire Fighter I and II certification process. 3) Fire Service Management pathway: This option enhances the promotional opportunities for the

veteran fire service employee. Courses provide a versatile approach to fire service management.

**3. A Fire Fighter Academy certification program (which is a major part of the Fire Science / Basic EMT AAS degree)**

The Regional Fire Training Center provides the Fire Academy Certificate Program to prepare individuals in basic fire training and fitness. Successful completion leads to certification by the Michigan Fire Fighter Training Council for Fire Fighter I and II, Hazardous Materials Operations, Vehicle Extrication, Advanced Vehicle Stabilization, NIMS 100 and 200, and Wildland Fire Fighter II through the National Wildfire Coordinating Group. Students completing this certificate may apply the credits towards both the Fire Science Technology (0123) and the Fire Science/Basic EMT (1057) Associate in Applied Science Degrees.

## **Program Outcomes & Assessment Methods**

### **Fire Science / Basic EMT AAS**

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

Methods of Assessment:

- a. Michigan Fire Fighters Training Council Firefighter I and II and Hazmat Operations certifications
- b. 70% on a 200 question examination is the minimum passing rate
- c. A twelve station skills test must be passed with all stations successfully completed.

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

Methods of Assessment:

- a. State of Michigan Basic EMT Written Examination utilizes National Registry Examination
- b. The practical skills test during the LCC EMT course serves as the practical skills