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**Program Summary Sheet for Assessment**

**Associate of Applied Science in Emergency Medical Services - Paramedic/Firefighter**

Degree:       AA       AS       AAS       ABS       ABA

Program Description:

This program has been designed to produce a graduate that has the knowledge and skills to enter into the workplace as an entry level Paramedic or Paramedic/Firefighter.

The EMT student will learn the role of the Emergency Medical Technician that administers Basic Life Support and takes over care from the Medical First Responders. After completing these courses the student will be able to take the Michigan Department of Consumer and Industry EMT state licensing exam. The student will also obtain the knowledge and skills to staff the sophisticated Advanced Life Support Units and assume care for the patient using appropriate medications and therapy to stabilize the victim of accidents or sudden illness prior to arrival at the hospital.

Along with the skills and training in the EMT/Paramedic specialty, the Fire Academy enables students to learn at our state-of-the-art Burn Tower the skills that they need to fight fires.

Program Outcomes and Objectives:

**Outcome 1.** Based on professional and industry standards the student successfully completing this program will be able to demonstrate an effective and naturalized patient assessment for determining an appropriate treatment plan.

**Outcome 2.** Based on industry and professional standards the successful student completing this program will be able to demonstrate the naturalization of techniques for parenteral drug and fluid administration

**Outcome 3.** Based on industry and professional standards the successful student completing this program will be able to identify the procedures for safe and effective operation of the EKG monitor and defibrillator.

**Outcome 4.** Based on current advanced cardiac life support algorithms the successful student completing this program will be able to select the appropriate treatment for the cardiac patient.

**Outcome 5.** Based on industry and professional standards the successful student completing this program will be able to explain the indications, contraindication, correct dosage, and route of administration for medications commonly prescribed in the pre-hospital setting.

**Outcome 6.** Based on professional and industry standards the student successfully completing this program will be able to execute basic fire fighting tactics described in NFPA 1001 Firefighter I & II.

**Outcome 7.** Based on the criteria provided by the Department of Homeland Security the successful student completing this program will be able to explain the National Incident Management System and the role of the All Hazard Approach in emergency response planning.

Common Degree Outcomes:

- 1. The graduate can integrate the knowledge and technological skills necessary to be a successful learner.
- 2. The graduate can demonstrate how to think competently.
- 3. The graduate can demonstrate how to employ mathematical knowledge.
- 4. The graduate can demonstrate how to communicate competently.
- 5. The graduate is sensitive to issues relating to a diverse, global society.

Department Contacts:

Program Advisor(s):

Associate Dean:

Dean: Charlene McPeak

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