

## Law, Public Safety, Corrections & Security Cluster

**Emergency & Fire Management Services Pathway** - The Emergency & Fire Management Services Pathway prepares students for entering occupations that include Basic Firefighter, Firefighter, Basic EMT Firefighter, and Advanced Firefighter. Each major will cover the physical requirements, ability to drive a vehicle, firefighting techniques, firefighting equipment and how to handle medical emergencies.

**Basic Firefighter** – This major prepares students for careers as firefighters. Firefighters help protect the public against danger by responding to fires and a variety of other emergencies. In the Basic Firefighter major students gain the minimum job performance skills required by the National Fire Protection Association (NFPA) for career and volunteer firefighters who deal primarily with structural firefighting operations. Students are trained to respond appropriately in dealing with hazardous materials, in vehicle and/or equipment extrication, and with propane emergencies. Students are prepared for the physical requirements of training and testing for Firefighter entrance examinations. Students who successfully complete this major will meet the NFPA 1001 – Standards for Firefighter I and II Professional Qualifications and Hazmat Operations certification.

**Firefighter** – This major prepares students for careers as firefighters. Firefighters help protect the public against danger by responding to fires and a variety of other emergencies. In addition to putting out fires, they are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to treat injuries or perform other vital functions. In the Firefighter major, students gain the minimum job performance skills required by the National Fire Protection Association (NFPA) for career and volunteer firefighters who deal primarily with structural firefighting operations. Students are trained to respond appropriately in dealing with hazardous materials, in vehicle and/or equipment extrication, and with propane emergencies. In addition, students learn the roles and responsibilities of emergency medical responders such as scene management and transport. They gain skills in dealing with basic medical emergencies including assessment, airway management, trauma and care of special populations. Students are prepared for the physical requirements of training and testing for Firefighter entrance examinations. Students who successfully complete this major will meet the NFPA 1001 – Standards for Firefighter I and II Professional Qualifications and Hazmat Operations certification.

**Basic EMT Firefighter** – This major prepares students for careers as fire fighters especially trained to provide pre-hospital emergency medical care. Firefighters are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to treat injuries or perform other vital functions. In this major students learn the basic operations of the emergency medical technician including airway management, patient assessment, trauma, and care of special populations. In addition, students learn how to operate an ambulance using defensive driving techniques, how to gain access to entrapped patients, how to deal with multiple casualty incidents and how to deal with hazardous materials. Students are introduced to the National Incident Management System. At the successful conclusion of this major, students are prepared to take the National Registry of Emergency Medical Technicians (NREMT) certification examinations.

**Advanced Firefighter** – This major prepares students for careers requiring advanced firefighting and emergency medical techniques. In addition to putting out fires, firefighters are frequently the first emergency personnel at the scene of a traffic accident or medical emergency and may be called upon to treat injuries or perform other vital functions. In the Advanced Firefighter major, students gain the job performance skills required by the National Fire Protection Association (NFPA) for career and volunteer firefighters who deal primarily with structural firefighting operations. They also develop management skills needed by company officers and are introduced to the Incident Command System. Students are trained to respond appropriately in dealing with hazardous materials, in vehicle extrication, with flammable liquid and gas emergencies and with rapid fire progression known as flashovers. Students learn how to categorize and define incidents involving nuclear, biological or chemical weapons of mass destruction. In addition, students learn the roles and responsibilities of emergency medical responders such as scene management and transport. They gain skills in dealing with basic medical emergencies including patient assessment, airway management, trauma and care of special populations. Students are prepared for the physical requirements of training and testing for Firefighter entrance examinations. Students who successfully complete this major will meet several NFPA Standards for Professional Qualifications and Hazmat Operations certification and are prepared to take the National Registry of Emergency Medical Technicians (NREMT) certification examinations.