

Fire and Emergency Services

Course Overview and Syllabus

Grade level: 9–12

Prerequisite Courses: None

Credits: 0.5

Course Description

Emergency and fire-management services are essential infrastructure components of a community. Fire and Emergency Services is a semester-long course that provides students with the basic structure of these organizations as well as the rules and guidelines that govern pre-employment education requirements. The vehicles, equipment, and emergency-mitigations strategies that are commonly used in the emergency- and fire-management field are also explored. Students gain an understanding of the goals of an emergency-management service and how they are implemented and managed, including personnel, budget, and labor-management challenges in the organization. Various preparedness plans are discussed as students explore typical characteristics and frameworks of modern emergency and fire-management organizations.

Course Objectives

Throughout the course, you will meet the following goals:

- Review the organizational structure of modern emergency medical and fire service systems
- Examine educational requirements for firefighters, EMTs, and paramedics
- Discuss personal characteristics and requirements beyond education needed for this field
- Explain regulations required for protection in specialized locations
- Describe the goals of emergency and fire management at the scene of an emergency
- Understand the steps and required results of a command sequence
- Explain how emergency workers predict which equipment will be needed and how it's deployed
- Identify historical changes in U.S. fire departments and their apparatuses
- Examine shifting expectations of communities, workforce diversity, and the impact of government funding
- Address target hazards, risk factors, and steps to minimize risk
- Identify types of disasters, their trends and consequences on communities, and the components of a disaster-management plan

Student Expectations

This course requires the same level of commitment from you as a traditional classroom course. Throughout the course, you are expected to spend approximately 5–7 hours per week online on:

- Interactive lessons that include a mixture of videos, readings, and tasks
- Assignments in which you apply and extend learning in each lesson
- Assessments, including quizzes, tests, and cumulative exams

Communication

Your teacher will communicate with you regularly through discussions, email, chat, and system announcements. You will also communicate with classmates, either via online tools or face to face, as you collaborate on projects, ask and answer questions in your peer group, and develop your speaking and listening skills.

Grading Policy

You will be graded on the work you do online and the work you submit electronically to your teacher. The weighting for each category of graded activity is listed below.

| Grading Category | Weight |
|------------------|--------|
| Lesson Quizzes | 20% |
| Unit Tests | 20% |
| Cumulative Exams | 20% |
| Assignments | 10% |
| Projects | 30% |
| Additional | 0% |

Scope and Sequence

When you log into Edgenuity, you can view the entire course map—an interactive scope and sequence of all topics you will study. The units of study are summarized below:

- Unit 1:** Modern Emergency and Fire Management Services
- Unit 2:** Tools of the Trade
- Unit 3:** Emergency and Fire Management Skills in Action
- Unit 4:** Organizing and Managing an Emergency and Fire Management System
- Unit 5:** Advanced Situations for Emergency and Fire Operations