



# Wayne County Community College District

## COURSE SYLLABUS

**FPT 180 Occupational Safety and Health for the Fire Service**

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course introduces the basic concepts of occupational health and safety as it relates to emergency services organizations. Topics include risk evaluations and control procedures for fire stations, training sites, emergency vehicles, and emergency situations involving fire, EMS, hazardous materials, and technical rescue. Upon completion of this course, students should be able to establish and manage a safety program in an emergency service organization.

**PREREQUISITES:** NONE

**EXPECTED COMPETENCIES:**

*Upon completion of this course, the student will:*

1. Describe the history of health and safety programs.
2. Identify occupational health and safety programs for emergency services.
3. Identify federal regulations that impact on health and safety programs.
4. Identify the concepts of risk identification and risk evaluation.
5. Describe the safety considerations for safety in fire stations and emergency response vehicles.
6. Describe the components of an effective response safety plan.
7. Describe the considerations for safety while training.
8. Describe the components of accountability system in emergency operations.
9. Define incident priorities and how they relate to health and safety.
10. Explain the need for and the process used for post-incident analysis.
11. Describe the components of a wellness/fitness plan.
12. Identify and analyze the major causes involved in line of duty firefighter deaths related to health, wellness, fitness, and vehicle operations.

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

**GRADING SCALE:**

90%-100% = A  
80%-89.9%= B  
70%-79.9%= C  
60%-69.9%= D  
<60% = E