



Wayne County Community College District

COURSE SYLLABUS

FPT 150 Principals of Emergency Services

CREDIT HOURS: 3.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

This course provides an overview to fire protection: career opportunities in fire protection and related fields: philosophy and history of fire protection/service: fire loss analysis: organization and function of public and private fire detection services: fire departments as part of local government; laws and regulations affecting the fire service; fire service nomenclature: specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems: introduction to fire strategy and tactics. This course meets FESHE requirements.

PREREQUISITES: *None*

EXPECTED COMPETENCIES:

Upon successful completion of this course, the student will:

- Describe and discuss the components of the history and philosophy of the modern day fire service.
- Analyze the basic components of fire as a chemical reaction, the major phases of fire, and examine the main factors that influence fire spread and fire behavior.
- Differentiate between fire service training and education; fire protection certificate program and a fire service degree program; and explain the value of education in the fire service.
- List and describe the major organizations that provide emergency response service and illustrate how they interrelate.
- Identify fire protection and emergency-service careers in both the public and in the private sector.
- Synthesize the role of national, state and local support organizations in fire protection and emergency services.
- Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
- Describe the common types of fire and emergency services facilities, equipment, and apparatus.
- Compare and contrast effective management concepts for various emergency situations.
- Identify and explain the components of fire prevention including code enforcement, public information, and public and private fire protection.

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