

Central Arizona College

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FSC 106 Principles of Emergency Services

Catalog Description:	An overview of fire protection, including: 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 protection services; fire departments as part of local government; fire service laws and regulations; fire service nomenclature; specific fire protection functions; basic fire chemistry and physics; introduction to fire protection systems; and an introduction to fire strategy and tactics.
Credit Hours:	3
Effective Term:	Fall 2010
Teaching Methods:	Lecture
Modalities:	Face to Face
Prerequisite(s):	None
Corequisite(s):	None
Times for Credit:	1
Grading Option:	A/F
Credit Breakdown:	3 Lectures
Cross Listed:	None
Learning Outcomes:	<ol style="list-style-type: none">1. (Knowledge level) Describe and discuss the components of the history and philosophy of the modern day fire service.2. (Comprehension level) Explain 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.3. (Comprehension level) 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.4. (Knowledge level) List and describe the major organizations that provide emergency response service and illustrate how they interrelate.

5. (Knowledge level) Identify fire protection and emergency-service careers in both the public and in the private sector.
6. (Comprehension level) Summarize the role of national, state and local support organizations in fire protection and emergency services.
7. (Knowledge level) Discuss and describe the scope, purpose, and organizational structure of fire and emergency services.
8. (Knowledge level) Describe the common types of fire and emergency service facilities, equipment, and apparatus.
9. (Analysis level) Compare and contrast effective management concepts for various emergency situations.
10. (Comprehension level) Identify and explain the components of fire prevention including code enforcement, public information, and public and private fire protection systems.

Standards/Assessments:

1. Outcomes will be measured by current IFSTA Orientation Terminology Standard; NFPA 1001 standard, chapters 5 and 6; and National Fire Academy FESHE (Fire and Emergency Service Higher Education) standards.

**AGEC/Special
Requirements:**

None

Revised:

January 2010