

Fire Science Technology



The certificate program in **Fire Science Technology** is offered to provide students a broad-based knowledge of current and future advances in the fire science field.

Online courses that will be offered in Fall 2009:



FST 100: Principles of Emergency Services (3 CR)

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 to public and private fire protection 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. Lecture 3 hours per week.

FST 100-I1 Class# 65107 08/20/09 - 12/12/09

FST 110: Fire Behavior and Combustion (3 CR)

Explores the theories and fundamentals of how and why fires start, spread, and how they are controlled. Lecture 3 hours per week.

FST 110-I1 Class# 24962 08/20/09 - 12/12/09

FST 215: Fire Protection Systems (3 CR)

Provides information relating to the features of design and operation of fire detection and alarm systems, heat and smoke control systems, special protection and sprinkler systems, water supply for fire protection and portable fire extinguishers. Lecture 3 hours per week.

FST 215-I1 Class# 65105 08/20/09 - 12/12/09

For information about Distance Learning requirements go to Germanna's web site at www.germannna.edu.

For more information contact:

Jeff Bailey - Fire Science Technology Director

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