

FIRE PROTECTION (FIRT)

FIRT 1301

Fundamentals of Fire Protection

CRT HRS:3 LEC HRS:2 LAB HRS:3 OTH HRS:0

This covers orientation to the fire service, career opportunities, and related fields. This course meets Fire and Emergency Services Higher Education (FESHE) Model Curriculum core requirements.

Prerequisites: None.

FIRT 1309

Fire Administration I

CRT HRS:3 LEC HRS:3 LAB HRS:0 OTH HRS:0

This course is an introduction to the organization and management of a fire department and the relationship of government agencies to the fire service. Emphasis on fire service leadership from the perspective of the company officer.

Prerequisite: None.

FIRT 1333

Fire Chemistry I

CRT HRS:3 LEC HRS:2 LAB HRS:3 OTH HRS:0

This course covers chemical nature and properties of compounds as related to the fire service.

Fundamental laws of chemistry, states of matter, gas laws, chemical bonding, and thermodynamics.

This course meets Fire and Emergency Services Higher Education(FESHE)Model Curriculum core requirements.

Prerequisite: None.

FIRT 1338

Fire Protection Systems

CRT HRS:3 LEC HRS:2 LAB HRS:3 OTH HRS:0

This course covers 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. This course meets Fire and Emergency Services Higher Education (FESHE) Model Curriculum core requirements.

Prerequisites: None.

FIRT 1353

Legal Aspects of Fire Protection

CRT HRS:3 LEC HRS:3 LAB HRS:0 OTH HRS:0

This course will summarize basic criminal and civil law; discuss relevant tort law; and describe state and federal legal systems as they relate to the fire service.

Prerequisite: None.

FIRT 1427

Building Construction in the Fire Service

CRT HRS:4 LEC HRS:4 LAB HRS:1 OTH HRS:0

This course covers the components of building construction that relate to life safety. Includes relationship of construction elements and building design impacting fire spread in structures.

Prerequisite: None.