

FIRE SCIENCE/ FIREFIGHT (FIRS)

FIRS 1203

Firefighter Agility and Fitness Preparation

CRT HRS:2 LEC HRS:0 LAB HRS:5 OTH HRS:0

This course focuses on physical ability testing methods. It includes rigorous training in skills and techniques needed in typical fire department physical ability tests. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: None.

FIRS 1301

Firefighter Certification I

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

This course is an introduction to firefighter safety and development. Topics include Texas Commission on Fire Protection Rules and Regulations, firefighter safety, fire science, personal protective equipment, self-contained breathing apparatus, and fire reports and records. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: None.

FIRS 1313

Firefighter Certification III

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

This course is a study of fire streams and pump operations as they relate to fundamental development of basic firefighter skills. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1407.

FIRS 1319

Firefighter Certification IV

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

This course is a study of equipment, tactics, and procedures used in forcible entry, ventilation, salvage, and overhaul. Preparation for certification as a basic firefighter. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1313.

FIRS 1329

Firefighter Certification VI

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

This course is an overview of Fire Inspection techniques and practices. Emphasis is on firecause determination. Includes fire protection systems, wild land fire, and pre-incident planning. Preparation for certification as a basic firefighter. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1423.

FIRS 1407

Firefighter Certification II

CRT HRS:4 LEC HRS:2 LAB HRS:6 OTH HRS:0

This course is a study of the basic principles and skill development in handling fire service hose and ladders. Topics include the distribution system of water supply, basic building construction, and emergency service communication, procedures, and equipment. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1301.

FIRS 1423

Firefighter Certification V

CRT HRS:4 LEC HRS:3 LAB HRS:4 OTH HRS:0

This course is a study of ropes and knots, rescue procedures and techniques, and hazardous materials. Preparation for certification as a basic firefighter. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1319.

FIRS 1433

Firefighter Certification VII

CRT HRS:4 LEC HRS:2 LAB HRS:5 OTH HRS:0

This course is an in-depth study and practice of simulated emergency operations and hands-on fire training exercises, incident command procedures, and combined operations using proper extinguishing methods. Emphasis is on safety. Lab required. This course may be offered only by institutions licensed as a Fire Academy by the Texas Commission on Fire Protection.

Prerequisite: FIRS 1329.