

Degree Description

Approved by the Texas Commission on Fire Protection

Students who successfully complete the following curriculum will be awarded a Certificate of Completion in Fire Protection Technology and be eligible to take the state test to become a certified structural firefighter. The Texas Commission on Fire Protection certification test serves as the program Capstone. All courses below must be taken in a block schedule.

Students must also complete medical certification to be certified by the Texas Commission on Fire Protection. (A minimum of the Emergency Medical Technician course is recommended.)

Marketable Skills 1.Complete strenuous fire and rescue activities using appropriate technique.

2.Consistently working through demanding and often dangerous conditions. 3.Operate and maintain highly complex firefighting equipment. 4.Function in a team setting to accomplish goals and tasks. 5.Ability to work alternating schedules and subsist in a controlled living environment.

Semester I	Hours
FIRS 1301 Firefighter Certification I	3 hours
FIRS 1407 Firefighter Certification II	4 hours
FIRS 1313 Firefighter Certification III	3 hours
FIRS 1319 Firefighter Certification IV	3 hours
FIRS 1323 Firefighter Certification V	3 hours
FIRS 1329 Firefighter Certification VI	3 hours
FIRS 1433 Firefighter Certification VII	4 hours
FIRS 1103 Firefighter Agility & Fitness Preparation	1 hours
	24 hours

Total hours: 24 hours

Course Descriptions

FIRS 1301 Firefighter Certification I

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification II, III, IV, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. *** This course may be offered only by Institutions certified training facility by the Texas Commission on Fire Protection (TCFP).*** Firefighter safety and development. Includes Texas Commission on Fire Protection Rules and Regulations, firefighter safety, fire science, personal protective equipment, self-contained breathing apparatus, and fire reports and records. Semester Hours 3 (2 lec/3 lab)

FIRS 1407 Firefighter Certification II

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, III, IV, V, VI and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection *** Basic principles and skill development in handling fire service hose and ladders. Includes the distribution system of water supply, basic building construction, emergency service communication, procedures, and equipment. Semester Hours 4 (2 lec/ 4 lab)

FIRS 1313 Firefighter Certification III

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, IV, V, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, Course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection *** Fire streams and pump operations as they relate to fundamental development of basic firefighter skills. Semester Hours 3 (2 lec/2 lab)

FIRS 1319 Firefighter Certification IV

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection. *** Equipment, tactics, and procedures used in forcible entry, ventilation, salvage, and overhaul. Preparation for certification as a basic firefighter. Semester Hours 3 (2 lec/2 lab)

FIRS 1323 Firefighter Certification V

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, VI, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection *** Ropes and knots, rescue procedures and techniques, and hazardous materials. Preparation for certification as a basic firefighter. Semester Hours 3 (2 lec/2 lab)

FIRS 1329 Firefighter Certification VI

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, V, and VII to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection *** Fire inspection techniques and practices. Emphasis on fire cause determination. Includes fire protection systems, wild land fire, and pre-incident planning. Preparation for certification as a basic firefighter. Semester Hours 3 (2 lec/2 lab)

FIRS 1433 Firefighter Certification VII

One in a series of courses in basic preparation for a new firefighter. Should be taken in conjunction with Firefighter Certification I, II, III, IV, V, and VI to satisfy the Texas Commission on Fire Protection (TCFP) curriculum for Basic Structural Fire Suppression, course #100. *** This course may be offered only by institutions certified as a training facility by the Texas Commission on Fire Protection *** Simulated emergency operations and hands-on live fire training exercises, incident management procedures, and combined operations using proper extinguishing methods. Emphasis on safety. Semester Hours 4 (3 lec/3 lab)

FIRS 1103 Firefighter Agility & Fitness Preparation

Physical ability testing methods. Rigorous training in skills and techniques needed in typical fire department ability tests. Semester Hour 1 (2 lab)
