

# ACC Fire Protection Technology

## FIREFIGHTER CERTIFICATION

### 2009-2010 Catalog

The program is designed to give the student instruction in the areas of fire fighting that are required to be certified in fire suppression. Instruction includes but is not limited to the following: Rules & regulations, forcible entry, ladder practices, fire streams, ventilation, rescue practices, inspection, automatic sprinklers, aircraft rescue and fire protection, self-contained breathing apparatus, and simulated emergency. The student works in a professionally staffed atmosphere with modern equipment. This course teaches the skills necessary to prepare the student for entry-level employment in the fire protection industry.

The firefighter certification program requires a separate application through the fire training academy for admission into the program. All seven courses must be taken concurrently and require department approval before registration. Students are only required to pass the reading and writing portions of the Compass placement test for acceptance into the academy.

<i>Program Course #</i>	<i>Course Title</i>	<i>Sem Hrs.</i>
<b>FIRS 1401</b>	Firefighter Certification I	<b>4</b>
<b>FIRS 1407</b>	Firefighter Certification II	<b>4</b>
<b>FIRS 1313</b>	Firefighter Certification III	<b>3</b>
<b>FIRS 1319</b>	Firefighter Certification IV	<b>3</b>
<b>FIRS 1423</b>	Firefighter Certification V	<b>4</b>
<b>FIRS 1429</b>	Firefighter Certification VI	<b>4</b>
<b>FIRS 1433</b>	Firefighter Certification VII	<b>4</b>

Final approval of degree plan for graduation is provided by the Admissions Office. Application for graduation must be on file in the Admissions Office before the published deadline of the student's final semester. The ACC Catalog contains important information about graduation.

### ACC COURSE DESCRIPTIONS

**FIRS 1313 FIREFIGHTER CERTIFICATION III (3-2-3).** General principles of fire apparatus pump operations, fire streams, and public relations as they relate to fundamental development of basic firefighter skills. Familiarization of fire apparatus including pumps, aerials, tankers and brush trucks. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1319 FIREFIGHTER CERTIFICATION IV (3-2-3).** The study and application of equipment, tactics, and procedures used in forcible entry, ventilation, salvage, and overhaul. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1401 FIREFIGHTER CERTIFICATION I (4-3-2).** 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. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1407 FIREFIGHTER CERTIFICATION II (4-3-3).** The study of 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. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1423 FIREFIGHTER CERTIFICATION V (4-3-3).** The study of ropes and knots, rescue procedures and techniques, and hazardous materials. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1429 FIREFIGHTER CERTIFICATION VI (4-3-2).** The study of the basic principles of fire inspection techniques and practices. Emphasis on fire cause determination. Includes fire protection systems, wild land fire, and pre-incident planning. Fee: \$90 Insurance: \$3.50 Skills: I

**FIRS 1433 FIREFIGHTER CERTIFICATION VII (4-3-3).** An in-depth study and practice of simulated emergency operations and hands-on portable live fire training exercises, incident command procedures, and combined operations using proper extinguishing methods. The course emphasis is on safety. Fee: \$83 Insurance: \$3.50 Skills: I