FIRE PROTECTION TECH (FIRT)

FIRT 1305 Public Education Programs 3 Credits (2 Lec, 2 Lab)
This course is for the preparation of firefighters and fire officers to develop public fire safety awareness. Emphasis on implementation of fire and public safety programs in an effort to reduce the loss of life.
Course Type: Technical

FIRT 1319 Firefighter Health and Safety 3 Credits (3 Lec, 0 Lab)
This is a study of firefighter occupational safety and health in emergency and non-emergency situations. This course meets Fire and Emergency Services Higher Education (FESHE) Model Curriculum core requirements. It includes 48 lecture hours.
Course Type: Technical

FIRT 1327 Building Construction for the Fire Service 3 Credits (3 Lec, 0 Lab)
This course includes components of building construction that relate to life safety. Includes relationship of construction elements and building design impacting fire spread in structures. It includes 48 lecture hours.
Course Type: Technical

FIRT 1338 Fire Protection Systems 3 Credits (3 Lec, 0 Lab)
This course is a study 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. This course meets Fire and Emergency Services Higher Education (FESHE) Model Curriculum core requirements. Includes 48 lecture hours.
Course Type: Technical

FIRT 1342 Fire Officer I 3 Credits (3 Lec, 1 Lab)
Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Officer I certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 1343 Fire Officer II 3 Credits (3 Lec, 1 Lab)
Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Officer II certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 1370 Technical Rope Rescue I 3 Credits (2 Lec, 3 Lab)
This is an in-depth study of Technical Rope Rescue including extensive skills development. Upon successful completion of this course students should be able to identify, describe, and demonstrate rope rescue and confined space rescue procedures at the Technical Rescuer-Level I level. The content of this course meets and/or exceeds the job performance requirements specified in National Fire Protection Association 1006-Standard for Technical Rescuer Professional Qualifications, 2008 Edition including the specialty areas of rope rescue and confined space rescue. This course may be repeated in order to maintain student skill proficiency.
Course Type: Technical

FIRT 1408 Fire Inspector I 4 Credits (3 Lec, 3 Lab)
One in a series of two courses required for Fire Inspector certification. Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Inspector I. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 1440 Fire Inspector II 4 Credits (3 Lec, 3 Lab)
One in a series of two courses required for Fire Inspector certification. Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Inspector II. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 1450 Fire Investigator 4 Credits (2 Lec, 7 Lab)
This course satisfies the Texas Commission on Fire Protection (TCFP) curriculum requirements for Fire Investigator certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 2305 Fire Instructor I 3 Credits (3 Lec, 0 Lab)
Preparation of fire and emergency services personnel to deliver instruction from a prepared lesson plan. Includes the use of instructional aids and evaluation instruments to meet the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Instructor I certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION**
Course Type: Technical

FIRT 2309 Firefighting Strategies and Tactics I 3 Credits (3 Lec, 0 Lab)
This course covers analysis of the nature of fire problems and selection of initial strategies and tactics including an in-depth study of efficient and effective use of manpower and equipment to mitigate the emergency. It includes 48 lecture hours.
Course Type: Technical

FIRT 2331 Firefighting Strategies and Tactics II 3 Credits (3 Lec, 0 Lab)
This is a continuation of Firefighting Strategies and Tactics I with an emphasis on use of incident command in large-scale command problems and other specialized fire problems. It includes 48 lecture hours.
Prerequisite(s): FIRT 1311

Course Type: Technical

FIRT 2351 Company Fire Officer 3 Credits (3 Lec, 0 Lab)
This is a capstone course covering fire ground operations and supervisory practices. It includes performance evaluation of incident commander, safety officer, public information officer, and shift supervisor duties and 48 lecture hours.
Course Type: Technical

FIRT 2356 Fire Officer III 3 Credits (3 Lec, 1 Lab)
This course meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Officer III certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.**
Course Type: Technical

FIRT 2357 Fire Officer IV 3 Credits (3 Lec, 1 Lab)
This course meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Officer IV certification. **THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION.**
Course Type: Technical

FIRT 2370 Technical Rope Rescue II 3 Credits (2 Lec, 3 Lab)
This is an in-depth study of Technical Rope Rescue including extensive skills development. Upon successful completion of this course, students should be able to identify, describe, and demonstrate rope rescue and confined space rescue procedures at the Technical Rescuer-Level I level. The content of this course meets and/or exceeds the job performance requirements specified in National Fire Protection Association 1006-Standard for Technical Rescuer Professional Qualifications, 2008 Edition including the specialty areas of rope rescue and confined space rescue. This course may be repeated in order to maintain student skill proficiency.
Prerequisite(s): FIRT 1370

Course Type: Technical