



## Emergency Services Programs

### Fall 2009 – Fire Science & EMT Classes

Item #

**4210 Fire 100** **\$4,367.40**

#### **Fire Fighting Basic Techniques Academy**

Basic firefighter skills including orientation & safety, PPE, fire behavior, building construction, hose communications, extinguishers, water supply, fire streams, ropes & knots, ground ladders, fire control, ventilation, rescue and extrication, loss control, fire detection, suppression systems, haz-mat awareness & operations, and BLS training.

August 31– December 12 Off Campus

MW 6:00 – 10:00 p.m.

Sat 7:30 a.m. – 5:30 p.m.

**Drill Master: Chief Dave Neyens.**

**Application and Orientation Required**

Item #

**4212 Fire 102** **\$249.35**

#### **Introduction to the Fire Service**

The history, traditions, terminology, and organization of the fire service; the fire service as a career; fire service organizations; and fire department organization, equipment and facilities; physical fitness and health considerations. Provides introduction to accountability and the Incident Management System.

Instructors: **FF Brett Blankenship & FF Matt Johnsen.**

September 22– October 8 TTH

6:00 – 10:00 p.m.

Registration Deadline: September 8

Item #

**4214 Fire 103** **\$282.65**

#### **Engine Company Basic Operations**

Fire flow testing, relay and shuttle operations, and water supply management, size and carrying capacity of mains, hydrant specifications, maintenance procedures, relevant maps and record-keeping procedures. Characteristics of fire and water, describes the types of water streams and nozzles, and covers the procedures for developing streams. Driver/operator's encyclopedia on operating fire pumps and pumping apparatus. Overview of pumpers, tankers, brush apparatus and aerials with pumps. The basic methods of handling hose, including large diameter hose; hose and coupling construction and maintenance.

Instructor: **Chief Brian Anderson.**

October 15 – November 5 TTH

6:00 – 10:00 p.m.

Registration Deadline: October 1

Item #

**4216 Fire 104** **\$205.00**

#### **Fire Department Community Relations**

Development of communication skills in assigning instruction, orders, and information. Promotes customer service and shows how it is intertwined with fire prevention and public education.

**Instructor: PIO Kristen Thorstenson**

November 12 – December 1 TTH

6:00 – 10:00 p.m.

Registration Deadline: October 29

Item #

**4218 Fire 106** **\$282.65**

#### **Ladder Company Basic Operations**

Fundamentals of a ladder company operation, including handling and maintaining various types of ground ladders and factors affecting ladder placement; introduction to different methods and systematic ways of ventilating with heated air, smoke, and gases; rope applications, including hauling tools, accomplishing rescues from areas of different elevations, stabilizing vehicles, and cordoning off areas; forcible entry; special rescues; salvage and overhaul; and vehicle operation. **Pre-class work required.**

Instructor: **Captain John Barcenas.**

September 22 – October 14 TTH

6:00 – 10:00 p.m.

Registration Deadline: September 9

**4220 Fire 110** **\$282.65**

#### **Fire Suppression Systems**

Concepts and standards of fire protection and detection systems. Sprinklers, standpipe, fire pump, portable extinguishers, special extinguishing and fire alarm systems and their operation will be covered. **Pre-class work required.**

Instructor: **Captain David Van Beek.**

October 15 – November 5 TTH

6:00 – 10:00 p.m.

Registration Deadline: October

**Program Coordinator, Della Leaf, 425-388-9591**

[fsience@everettcc.edu](mailto:fsience@everettcc.edu)

**Program Director, Russell Colmore, 425-388-9161**

[rcolmore@everettcc.edu](mailto:rcolmore@everettcc.edu)

Item #  
**4222 Fire 120** **\$282.65**

### **Pump Operations/Hydraulics**

Hydraulic laws and formulas, pump design, practical operation of pumps, and pump operation theory will be taught; methods for testing, inspecting and maintaining fire pump installations. Note: practical skills may be at an off campus location; dates, location and times will be provided the first night of class.

Instructor: **Deputy Chief Art White.**

November 12 – December 8 TTH  
6:00 – 10:00 p.m.

Registration Deadline: October 29

Item #  
**4224 Fire 202** **\$282.65**

### **Fire Investigation & Evidence Preservation**

Overview of the methods used to determine areas of origin, fire causes, fire spread, and other aspects of fire behavior. Recognition of accidental and incendiary fires, securing and preserving evidence of suspected arson, witness interrogation methods.

Instructor: **FM Mark Crowley**

September 22 – October 13 TTH  
6:00 – 10:00 p.m.

Registration Deadline: September 8

Item #  
**4226 Fire 203** **\$282.65**

### **Building Construction Fundamentals**

Basic building construction and design necessary for providing proper fire protection features; emphasizing types of construction used in regard to materials, flame spread, fire resistive ness, and fire retardant qualities in certain types of occupancy and building use.

Instructor: **FM Tom Foster.**

October 15 – November 5 TTH  
6:00 – 10:00 p.m.

Registration Deadline: October 1

Item #  
**4228 Fire 205** **\$282.65**

### **Fire Department Company Officer**

Includes discussions of government and fire department structure, roles, responsibilities and legal liability of the first line supervisor, also covers concepts of leadership and supervision, public education, labor relations, budgeting, communications, fire prevention, fire suppression, and fire fighter safety. *Pre-class work required.*

Instructor: **BC Scott Goodale**

November 12 – December 8 TTH  
6:00 – 10:00 p.m.

Registration Deadline: October 29

Item#  
**4230 Fire 240** **\$152.25**

### **Instructor I Certification**

Course designed to prepare candidates to demonstrate the knowledge and ability to conduct instruction from prepared materials. Train-the-trainer covering the characteristics of a good instructor, the role of the instructor in the fire service, summary of the psychology of learning, procedures for planning and presenting the instruction, and evaluation and testing techniques. Includes instructional planning and development, methods and techniques, materials and aids, and evaluation/testing.

Instructors: **Deputy Chief Art White**

**NOTE: Pre-class assignments and workbook must be completed and submitted the first day of class.**

**Participants need to pass pre-test to remain in class**

September 17, 18, 19 THFS  
8:00 a.m. – 5:00 p.m.

Registration Deadline: September 3

Item #  
**3392 EMT** **\$938.85**

### **Emergency Medical Technician**

Designed to prepare participants in all phases of pre-hospital emergency care as needed for employment as an EMT with various emergency response agencies. Participants are eligible for the Washington State EMT-B examination and the National Registry examination upon successful completion of the course. An application is required prior to registration, content includes lecture and hands-on practice in emergency care, bleeding and shock, soft tissue injuries, environmental emergencies, lifting and moving patients, HIV/AIDS education, emergency childbirth, and other topics. *Prerequisites:* Instructor's permission; approved class application.

Instructors: **BC Perry Putnam & PM Joe Paternini**

September 21 – December 12  
MW 6:30 – 10:00 pm  
Sat 8:00am – 5:00 pm

Textbooks required/Available at College Bookstore

**Also offered: CBT for EMT's.  
Call 425-388-9591 for information.**

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