



Pierce County
Department of Emergency Management



Training 2009

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Calendar of Classes 2009

Currently scheduled open enrollment classes

Date	Course Name	Hours	Cost
April 27 - May 1	Rescue Systems I	40	\$650
April 16	ATC 20	4	\$75
May 4-8	Trench Rescue	40	\$650
May18-22	Rescue Systems II	40	\$700
June 22-26	Rope Rescue & Rigging	40	\$530
Aug. 24-28	Rescue Systems I	40	\$650
Sept. 21-25	Rope Rescue & Rigging	40	\$530
Oct. 6	ATC 20	4	\$75
Oct. 8	Multi Hazard Workshop for Schools	7	no charge
Open	Other Classes Upon Request		n/a

Registration Policy

Course Registration:

Please register by phone, mail, or fax to the Pierce County Department of Emergency Management. Registration forms are required for each course. Forms must be complete and legible, printed or typed. **All registration forms must reach the Department of Emergency Management no later than two weeks prior to the first day of class.** Minimum enrollment is determined two weeks prior to the first day of each course. Receipt of registration is mandatory before that deadline. Participants in rescue courses will receive faxed reminders of needed items for class.

Cancellation Policy:

Pierce County Department of Emergency Management reserves the right to cancel a course at any time due to circumstances beyond its control. If minimum class size has not been met by two weeks prior to the first day of the course, it will be cancelled.

For full tuition refund, all cancellations must be written and received NO LATER THAN 2 WEEKS prior to the class. Cancellations may be mailed to April Ost, Directors Office, 2501 S. 35th St, Tacoma, WA 98409. You may fax them to (253) 798-3307 or email them to aost@co.pierce.wa.us. Tuition will be 50% reimbursable if notification is received 1 week before a class. Any cancellations within 7 days of class or no-shows will be billed for full tuition. The Director will handle emergency cancellations on a case by case basis.

Billing Policy - Read Carefully.

WE WILL BILL FOR ALL CLASSES. PLEASE, DO NOT PAY IN ADVANCE. Purchase order or letter of intent is acceptable.

Pierce County Department of Emergency Management invoices after completion of each class. Purchase orders must include the billing address of the paying department. Late cancellations or no-shows that submitted purchase orders or letters of intent will be invoiced for the appropriate amount.

Please call April Ost, Registration Coordinator, at (253) 798-6595, 8:00 AM to 4:30 PM weekdays if you have questions.

RESCUE SYSTEMS I

Overview:

This 5-day, (40 hour) course, teaches the basics of urban and heavy rescue skills, including: shoring, searching, breaching, safety, extrication and other skills and techniques needed for rescue in collapsed structures. *This course meets NFPA 1670 standards for working at the Operational Level at a structural collapse incident.*

Class size: Minimum: 24 students. Maximum: 30.

Target Audience:

Fire service, law enforcement, emergency medical services, public works, and first responders who may be called upon for heavy rescue.

Prerequisite:

None.

Cost:

\$650

Lunch:

Basic lunch is included. Vending machines are available for drinks. Students are encouraged to bring their own snacks. Special dietary needs cannot be accommodated.

Instructors:

Rudy Alvarado, and Pierce County Rescue Systems Instructors.

Location: (See attached map)

Central Pierce Fire & Rescue, Headquarters Station 6-0
17520 - 22nd Avenue East, Spanaway, WA 98445

Course Date and Time:

April 27 - May 1, 2009 8:00 AM - 5:00 PM

August 24-28, 2009 8:00 AM - 5:00 PM

Dress and Required Items to Bring:

This is an outside course. Dress appropriately for the weather. Wear coveralls or work clothes, safety glasses, hard hat or helmet, work gloves, flashlight or head-lamp, steel toe work boots.

NIMS/ICS/EOC INTERFACE WORKSHOP

Overview:

This class covers an overview of both Emergency Operations Center (EOC) operations and field operations, utilizing the National Incident Management System (NIMS) and Incident Command System (ICS) and their interaction during emergencies and disasters.

At the conclusion of the workshop, participants will be able to: describe the basic principles of ICS, basic functions of an EOC, describe the NIMS/ICS/EOC interface, its operation and problems, and be able to work within the constraints posed by the NIMS/ICS/EOC interface.

This course is limited to 50 students.

Prerequisite:

None.

Target Audience:

EOC personnel, fire, law enforcement, public works, or utilities personnel and those who might be involved in incidents requiring field and EOC coordination should attend this course.

Cost:

No Charge

Instructors:

Tom Miner – Pierce County Dept. of Emergency Management

Ken Parrish – Pierce County Dept. of Emergency Management

Jody Woodcock – Pierce County Dept. of Emergency Management

Location:

Pierce County Emergency Operations Center

2501 S. 35th St, Tacoma, WA 98409

Course Date and Time:

Upon request

TRENCH RESCUE

Overview:

This five-day, (40 hour) course, provides the student with the knowledge, skills, and technical abilities needed to perform rescue operations at a trench collapse or cave-in. The class format is approximately 8 hours of classroom and 32 hours of field experience, including several scenario- based, problem solving situations. Both the classroom sessions and field exercises focus on:

- *Site hazard identification and evaluation*
- *Rescue scene management*
- *Collapse scene mitigation equipment and techniques*
- *Rescuer, Rescue Team, bystander, co-worker, and subject safety.*

Students will perform shoring and simulated rescue operations in trenches 7 to 15 feet deep at a controlled site. Completion of this course meets requirements for **Technician** level for NFPA 1670, and 1006.

Class size: minimum, 15 students. Maximum, 24.

Prerequisite:

None.

Target Audience:

Fire, law enforcement, utilities, public works, private contractors or anyone who might be involved in trench rescue operations.

Cost:

\$650. Includes basic lunch. Students are encouraged to bring their own beverages and snacks. Special dietary needs cannot be accommodated.

Instructors:

Rudy Alvarado, Patrick Lillie and Pierce County Rescue Systems Instructors.

Location: TBA

Course Date and Time: May 4-8, 2009 8:00 AM - 5:00 PM

Dress and Required Items to Bring: This is an outside course. Dress appropriately for the weather. Must bring writing materials, claw hammer (or 2- 3 lb. single or double jack), tape measure, hard hat, gloves, goggles, safety shoes, and coveralls or work clothes.

ATC – 20

Overview:

This four-hour course is designed by the Applied Technology Council of California to provide guidelines and procedures for persons who may be called upon to make building inspections following an earthquake. This course allows students to become familiar with typical building construction and technical aspects of structural safety evaluations. Additional classes may be added upon request from large groups who desire the training.

Class size: Minimum 7 students.

Prerequisite:

None.

Target Audience:

Those who may have to make a building inspection or evaluation after an earthquake, including building managers, building inspectors, public works and public utilities personnel, hospital and school maintenance, safety personnel, and emergency managers, etc.

Cost:

\$75. Includes copy of the ATC-20-1 Field Manual. Supplemental textbook is available at the class for those who may wish to purchase it.

Instructors:

Mark Oakford, P.E., of Pierce County Planning and Land Services; and Richard Schroedel from Pierce County Emergency Management

Location: (See attached map)

DEM Training Room
2501 S. 35th St., Tacoma, WA 98402

Course Dates and Times:

April 16, 2009	12:30 - 4:30 PM
October 6, 2009	8:00 AM - NOON

ROPE RESCUE & RIGGING

Overview:

Rope Rescue & Rigging is a 5-day, (40 hour), hands on course that builds upon Rescue Systems I rope skills. This is a **very intense**, small group course, offering many repetitions of skills to enforce proper techniques and good judgment. Subjects covered include: equipment and anchors, ascending and descending, litter and subject packaging, tended litter operations, raising, lowering and belay systems, pick-off techniques, conversions, knot passing, low to steep angle and Highline operations. This class will meet the requirements for Technician level for Rope Rescue according to NFPA standards 1670 and 1006.

Class size: Minimum, 8 students. Maximum, 16.

Prerequisite:

Pierce County Rescue Systems I, or equivalent, or approval from the lead instructor. Previous rope rescue experience is desirable.

Target Audience:

Fire service, law enforcement, emergency medical services, search and rescue, public works, and those responders who may be called upon for heavy rescue.

Cost:

\$530 Basic lunch included.

Instructor: Patrick Lillie

Location:

Central Pierce Fire & Rescue Station 6-7
8119 Canyon Rd. E., Puyallup, WA 98371

Course Date and Time:

June 22-26, 2009	8:00 AM – 5:00 PM
September 21-25, 2009	8:00 AM – 5:00 PM

Dress and Required Items to Bring:

Each student must bring the following items: Class III or commercial seat and chest harness, helmet, eye protection, gloves, boots suited to the environment, rucksack, personal ascenders or 40 feet of 6mm accessory cord (to make Purcell prusiks), clothing suited to the environment, water, writing utensil and note pad.

RESCUE SYSTEMS II

Overview:

This five-day, (40 hour) course, focuses on advanced rescue information, technical types of structural collapse, and hands on use of specialized equipment (i.e., air bags, special shores breaching equipment and cutting tools.) It also includes exercises and information on heavy lifting equipment and rigging. *This course meets NFPA 1670 structural collapse standards at the technician level and NFPA 1006 standards for Rescue Technician Professional Qualifications 2000 edition. (Chapter 8 Structural Collapse Rescue).* To be certified as a rescue technician in structural collapse NFPA 1670 requires certification in other disciplines not covered by the course. A presentation on the WA State Task force deployment will be included in this course. Class size: Minimum, 25 students. Maximum, 28.

Prerequisite: Pierce County Rescue Systems I, or equivalent.

Target Audience:

Fire service, law enforcement, emergency medical services, public works, and those responders who may be called upon for structural collapse rescue.

Cost: \$700

Lunch: Basic lunch is included. Vending machines are available for drinks. Students are encouraged to bring their own snacks. Special dietary needs cannot be accommodated.

Instructors: Pierce County Rescue Systems Instructors

Location: (See attached map)

Central Pierce Fire & Rescue, Headquarters Station
17520 - 22nd Avenue East Spanaway, WA 98445

Course Date & Time:

May 18-22, 2009 8:00 AM - 5:00 PM

Dress and Required Items to Bring:

Dress appropriately for outside weather. Wear coveralls or work clothes. **Fully enclosed ANSI Z87.1 approved eye protection is required.** (Regular safety glasses are not acceptable unless they have full wrap. Avoid the use of contact lenses.) Bring earplugs (30 decibels of reduction), hard hat or helmet, flashlight and/or headlamp, steel toe work boots, work gloves, kneepads, duct tape, and four respiratory protection masks (minimum - dust mask). Masks must make a good seal.

RESCUE SYSTEMS I INSTRUCTOR

Overview:

This five day, 40 hour class teaches the instruction principles required to successfully deliver the Rescue Systems One course. This class will require the student to make pre-assigned teaching presentations, and successfully complete a written exam to **PASS** the class.

Attendance does not guarantee a passing grade. Students will be issued a Rescue Systems One Instructor Guide, Rescue Systems One Student Manual, Daily Lecture Notes, and assorted handouts. A certificate will be issued upon successfully passing the class.

Target Audience:

Previous graduates of Rescue Systems One who desire to teach Rescue Systems One.

Prerequisite:

Rescue Systems One, and Instructor 1 (NFPA 1041). (A copy of your Rescue Systems One certification, as well as your Instructor 1 certificate must be submitted with your application).

Cost:

\$650

Lunch:

Basic lunch is provided. Beverages and snacks are the responsibility of the student. Special dietary needs cannot be accomodated.

Instructors:

Rudy Alvarado, Patrick Lillie, and Pierce County Rescue Systems Instructors.

Location:

Central Pierce Fire & Rescue, Headquarters Station 6-0
17520 22nd Ave. East Spanaway, WA 98445

Course Date & Time:

N/A for 2009

Dress and Required Items to Bring:

This is an outside class so dress appropriately for the weather, same PPE as for Rescue Systems One. Bring writing materials to take notes.

MULTI-HAZARD SAFETY WORKSHOP FOR SCHOOLS

Overview:

This six-hour workshop covers the school safety planning process, hazard identification, drills, immediate response and care requirements, communications, and post disaster shelter planning.

Class size: Minimum, 10 students. Maximum, 50.

Prerequisite:

None.

Target Audience:

Principals, school nurses, counselors, custodial and maintenance coordinators, risk managers, school resource officers, transportation supervisors, central office administrators and parent leaders. Local emergency response teams will be invited.

Cost:

No charge.

Instructors:

Staff from Pierce County Department of Emergency Management

Location:

Bethel School District #403
516 176th Street East
Spanaway, WA 98387

TO REGISTER: Call April Ost: 253-798-6595

Course Date and Time:

October 8, 2009 8:00 AM – 4:00 PM

TRAINING AVAILABLE UPON REQUEST

All Hazard Emergency Preparedness

Overview:

Pierce County Emergency Management offers a variety of short courses that provide individuals with a basic knowledge of local hazards and emergency preparedness. Topics include but are not limited to 9-1-1 education, Mount Rainier, floods, earthquakes, terrorism, winter weather, emergency preparedness, fire prevention and school/business emergency planning.

Prerequisite: None.

Target Audience: All

Cost: No charge.

Instructors: Katie Gillespie, 253-798-3311.

Pierce County Neighborhood Emergency Teams

Overview:

PC-NET (Pierce County Neighborhood Emergency Teams) is a neighborhood-oriented approach to emergency preparedness. It is based on the belief that a cooperative effort between a county and its citizens is the only sure way to prepare for a major disaster.

If individuals and their neighborhoods are prepared to mutually assist each other during these critical hours, lives can be saved, property can be spared, and emergency services can be freed to respond to the most devastated areas. PC-NET's overall purpose is to enable neighborhoods to be self-sufficient for a minimum of 72 hours following a major disaster. This will be accomplished by:

1. Organizing block groups into six disaster response teams: communications, damage assessment, first aid, safety & security, light search & rescue, and sheltering & special needs.
2. Utilizing the skills and knowledge the neighborhood currently possesses.

Prerequisite: None.

Target Audience: All

Cost: No charge.

Instructors: Debbie Bailey and Barbara Nelson, 253-798-6595.

HOMELAND SECURITY TRAINING

Through a grant from the Office of Domestic Preparedness, Pierce County Emergency Management is able to offer training to our First Responders about how to recognize and respond to terrorism. The grant allows reimbursement for the overtime of the student in the class or the backfill or backfill overtime as needed. Please review the objectives below for more specific information about what is covered. **For more information and to register please contact:**

Judy L. Harmon
Training Coordinator
253-798-2108
jharmon@co.pierce.wa.us

Course Objectives:

- Recognize circumstances that indicate a potential terrorist attack.
- Understand what appropriate self-protective measures are required to respond to different weapons of mass destruction (WMD) events.
- Understand scene control issues involving isolation, evacuation, and perimeter control associated with terrorist incidents.
- Understand tactical objectives for chemical, biological, radiological, nuclear, and explosive (CBRNE) incidents.
- Understand how to establish effective command and control associated with responder operations at a crime scene.

****The Homeland Security Training program also offers courses regarding the National Incident Management System (NIMS), Incident Command System (ICS) and Personal Protective Equipment (PPE). Contact Judy for details.***

CLASS LOCATIONS

Central Pierce Fire & Rescue Training Site:

17520 22nd Ave. East, Spanaway, WA 98445.
Phone 253-537-4141 From Interstate 5, north or south, take exit 132. Follow State Route 512 eastbound for 2½ miles to the State Highway 7, Pacific Ave., Parkland/Spanaway exit. Go south on Pacific Ave. (Hwy 7) to 176th. Turn left on 176th and drive for about 1 ¼ mile to 22nd Ave. East. Training site is on the left at the fire station.



Department of Emergency Management Training Room:

From either northbound or southbound, take I-5 Exit #132. From Exit #132 off-ramp turn onto 38th St. South. Move into the right-hand turn lane and approach the 38th St. & Steele S. intersection. Turn RIGHT onto Steele St. Stay on Steele (Costco is on your right), until you hit the stoplight at the intersection of Steele and 35th. The white warehouse building directly to your front is our building. Turn RIGHT onto 35th and IMMEDIATELY turn LEFT into the first drive. You will see visitor parking along the front of the building. If the visitor slots are all taken, continue to drive through the open gated fence directly to your front. There is plenty of available parking inside the fenced lot. Check in with the Receptionist at the entrance and she will direct you to the meeting.



LEAD INSTRUCTORS

Rudy Alvarado

Rudy is a Captain with the Redmond Fire Department in Redmond, Washington. He has been with their department for 33 years. He was previously a King County Task Force Leader for the WA State Task Force I. Rudy has been a lead instructor of Rescue Systems I since its' inception. He has taught the course not only in Washington, but also Canada, Guatemala, Chile, Peru, and El Salvador. He was deployed with the WA State Task Force I for rescue and recovery operations at the World Trade Center.



Paul Embleton

Paul is a Captain with Central Pierce Fire & Rescue in Tacoma, WA. He has been in the fire service for 24 years and has been involved in technical rescue since 1987. He is a member of CPFR's technical rescue team and represents his department as a Training Committee Member for the Pierce County Special Operations Response Team. He also served as a Rescue specialist on the WA State Task Force I.



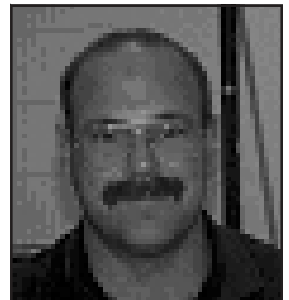
Dennis Fenstermaker

Dennis came to the fire service 34 years ago with extensive mountaineering and mountain rescue experience. As rescue operations became a more specialized fire department activity, he used his background to help develop the Seattle Fire Department Technical Rescue Team at Ladder 7. He has been a member of the WA State Task Force I and has provided instruction to fire departments, mountain rescue units, and the petroleum industry.



Patrick Lillie

Patrick has been employed with the Lakewood Fire Department since 1984. He has been involved with Pierce County rescue training programs since their inception in 1989. Pat is a senior lead instructor for Rescue Systems I, Rescue Systems II, Trench Rescue, and Rope Rescue & Rigging. He serves as a Rescue Team Manager on the FEMA sponsored WA State Task Force I. He deployed to both Northridge and Atlanta.



LEAD INSTRUCTORS (CONT.)



Richard Schroedel

Richard entered emergency management in 1984, first with the City of Tacoma, then joining Pierce County's staff in 1989. He taught part time at the University of Puget Sound for sixteen years. He has given hundreds of presentations on disaster planning, emergency management, preparedness, and Pacific Northwest hazards. Currently, he is Mitigation and Recovery Coordinator for Pierce County's Department of Emergency Management.



Mark Oakford, P.E.

Mark presents the structural engineering portion of the ATC-20 and 21 training sessions. He has extensive experience in the structural engineering of buildings including the seismic retrofit of numerous structures. Mark has conducted ATC-20 evaluations of buildings following the Nisqually Earthquake in February of 2001. Mark is a native of the Pacific Northwest with a B.S. in civil engineering and a B.A. in business administration and is licensed as a professional engineer in Washington State.

LEAD INSTRUCTORS (CONT.)

Jody Woodcock

Jody is the Program Manager of the Mitigation, Preparedness and Recovery Division for Pierce County Emergency Management. Jody became a Pierce County employee in 1990, beginning her career in the County Executive's office and joined the Emergency Management team in January, 2001.

Barbara Nelson

Barbara has been working with Pierce County Emergency Management for more than six years with program development for the Pierce County Neighborhood Emergency Teams (PC-NET). She's a CPR/First Aid instructor and teaches advanced first aid through the Tacoma Mountaineers. Prior to coming to Pierce County, Barbara worked in the Federal Way School District for 14 years. She has a bachelor's degree in Broadcast Journalism from the University of Florida.

Debbie Bailey

Debbie has worked for the Department of Emergency Management since 2005. She began with the Urban Search & Rescue Program and moved to the Pierce County Neighborhood Emergency Teams (PC-NET) in the spring of 2007. Prior to that, she worked for Peninsula School District for more than 14 years as a Para-Educator while simultaneously pursuing a degree during the last five years of her employment. She has a Bachelor's Degree in Environmental Studies and Certification in GIS from the University of Washington.





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