



NYS Department of State
OFFICE OF FIRE PREVENTION & CONTROL

Training Announcement

CHEMISTRY FOR EMERGENCY RESPONSE (N233)

This two-week course is designed to prepare the responder to function safely at the scene of a hazardous materials incident by understanding the potential hazards. This is accomplished by gaining recognition of chemical nomenclature and basic principles of chemistry in order to assess risks to responders and the public. The course seeks to convey to first responders or prevention personnel a sound understanding of the basic chemistry of hazardous materials to permit them to correctly assess the threat posed by hazardous materials incidents that may occur accidentally or intentionally. Problem-solving sessions and interactive discussion cover topics such as salts and inorganic non-salts, hydrocarbons, hydrocarbon derivatives, and hydrocarbon radicals. Applying the science of chemistry to thermodynamics, volatility, and combustion provides real-world opportunities. An understanding of basic chemistry is helpful to receive maximum benefit from the course. The course requirements include class activities, self-study, quizzes and a final exam.

LOCATION:

New York State Academy of Fire Science, 600 College Ave, Montour Falls, NY 14865. Phone: 607-535-7136

DATES:

January 25 – February 5, 2010 (Monday-Friday)

LENGTH OF COURSE:

Ten days (8am - 4:30pm)

STUDENT SELECTION CRITERIA:

Emergency response personnel who have responsibility for analysis, management, and/or tactical response to hazardous materials incidents; fire prevention inspectors, hazardous materials inspectors, regulators, and planners where knowledge of the chemical behavior of hazardous materials is essential.

APPLICATIONS:

All prospective students are required to submit both a completed New York State Fire Academy and a standard Federal Emergency Management Agency (FEMA) Application Form (FEMA Form 75-5). An individual **MUST** include the Block 16 information (word similar to what may be found in the Student Selection Criteria) and the signature of head of the sponsoring organization or he/she will not be accepted. Send both New York State Fire Academy and NFA applications to Peggy Terry, NYS Academy of Fire Science, 600 College Ave, Montour Falls, NY 14865 or FAX to 607-535-4841.

RECOMMENDATIONS:

Due to the amount of study time required for this course it is highly recommend students reside on campus at the New York State Fire Academy.

COSTS:

As an FEMA/NFA sponsored course registration is free. Other costs are \$40/day for residential students which includes; lodging, breakfast, lunch, dinner and snacks. The cost for Commuters is \$8/day which includes breakfast, lunch and snacks. TRADE Region II members may request reimbursement from the Region II banker.

STIPEND INFORMATION:

To help offset attendee costs for mileage and/or lodging, a stipend for actual costs not to exceed \$100 per week maybe be authorized per student. For information on stipends is available on the U.S. Fire Administration Web site at:

www.usfa.dhs.gov/nfa