

# Connecticut Fire Academy HAZ MAT Seminar Series

March 2008

## Upcoming 2008 HAZ MAT Seminar Series

 **Solids** #08255  
April 16, 2008

 **Gases** #08268  
May 28, 2008

 **Liquids** #09021  
September 17, 2008

 **Corrosives** #09046  
October 22, 2008

 **Other Regulated  
Materials** #09058  
November 12, 2008

 **Oxidizers** #09065  
December 10, 2008

## Poisons

Presented by: **Brian D. Heinz - Hazardous Materials Specialist**

**March 26, 2008**

*This 8 hour day will cover the following topics:*

- What is TOXIC?
- Principles of Toxicology
- Definitions, DOT Criteria, Examples
- Toxicity & Risk
- Toxic Materials and Their Effects
- Types of Toxins
- Biological Agents
- Routes of Entry
- Concentration and Duration of Exposure
- Storage, Elimination & Biotransformation
- Dose Response Relationships
- Measuring Toxicity
- Exposure Standards and Guidelines
- Public Exposure Guideline Limits
- Area Plume Modeling and Forecasting
- Pesticides
- Military Poisons
- Environmental Toxicology

**Brian D. Heinz** - Brian holds a Bachelor's degree from California Poly State University and is certified as a Hazardous Materials Specialist through the State of California. He routinely instructs this 6-week program under contract with the State of California and directly for hosting agencies. Brian is also an active and requested instructor for the National Fire Academy's "Chemistry for Emergency Response" course. Brian helped revise the 2-week NFA curriculum and taught two of the initial pilot offerings at Emmitsburg, MD for the Fire Academy. Brian has been an instructor for hazardous materials programs since 1989.

Brian is certified by the State Fire Marshal's Office as a Firefighter and has worked as a firefighter and was also employed by the California Office of Emergency Services as an Emergency Management Coordinator prior to establishing his own business.

Brian currently has a staff of independent consultants that are utilized to deliver various training programs and assist him with consulting projects. Current projects and activities include training in chemistry and tactical operations for the US Coast Guard National Strike Force teams and chemical handling consulting for the National Science Foundation at astrological facilities in both Hilo, Hawaii and in Chile, South America.

### Course #08239, Course Fee \$40, All classes held at the Connecticut Fire Academy

All Seminar Series presentations are scheduled from 8 am until 4:30 pm. Lunch is included. Acceptance confirmation notices with directions will be mailed approximately two weeks prior to the start of the program. Students canceling seven days in advance will receive a full refund. Application forms can be duplicated or downloaded at [ct.gov/cfpc](http://ct.gov/cfpc) and returned via fax or mail with payment. Additional questions can be directed to Program Manager Bill Auclair, phone 877-528-3473 ext 250 or email [bill.auclair@po.state.ct.us](mailto:bill.auclair@po.state.ct.us)



## STATE OF CONNECTICUT COMMISSION ON FIRE PREVENTION AND CONTROL CONNECTICUT FIRE ACADEMY

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