

# **Chemistry I: Explosives**

The “Explosives Recognition and Detection for First Responders” Workshop is designed to introduce forensic chemists and other law enforcement personnel responsible for explosives incidents with the basic concepts related to improvised explosives and destructive devices. A series of presentations will acquaint the attendees with the chemistry of explosives, manufacturing of improvised explosives, field detection of explosives, search techniques related to destructive device construction, and safety issues related to explosives related incidents. Practical evolutions will allow attendees to use field portable equipment for the detection of explosives and evaluate mock crime scenes related to explosives manufacturing. An explosives demonstration will acquaint attendees with the power and capabilities of all types of explosives. Instrument representatives will have the latest explosives detection equipment for demonstration and use by the attendees.

Presented by the FBI Laboratory’s Explosives Unit