This is a 5-day (36 hour) class. The class is for beginners and those with some experience or background in explosives analysis. The class will demonstrate how to handle a case involving low explosives or intact high explosives from start to finish. The content will include the starting point, analysis of intact explosive materials, show to recover analyte from post blast debris samples, how to identify common oxidizers and select fuels, how to process and interpret analytical data, how to form and evaluate conclusions, and recommendations on generating a report. Practical laboratory exercises will be emphasized. Evidence storage, preservation, and safety considerations will also be addressed. This course is intended for criminalists and forensic scientists employed by law enforcement or public safety agencies who currently perform or will be performing analysis of oxidizers and fuels in pyrotechnics and low explosives, post blast low explosive products, and intact high explosives. This course will not cover post blast high explosives.