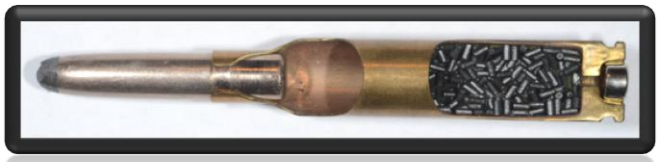
Shooting Incident Reconstruction Course

Forensic Science Consultants



Class Host:
Johnson County Sheriff's Office Criminalistics Laboratory

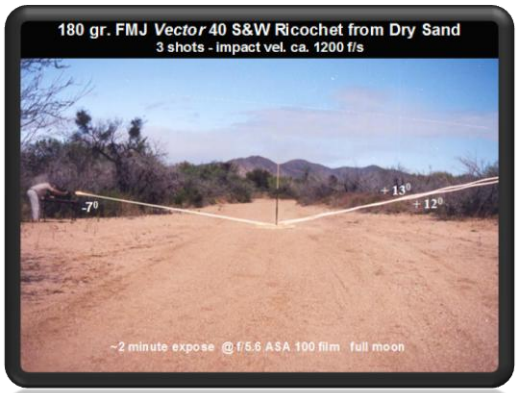
Where:
Johnson County Crime Lab
11890 S. Sunset Dr.
Olathe, KS 66061

When:
August 28-30, 2013
3 Days (24 hrs)

Instructor:
Michael G. Haag
More info at:
www.forensicfirearms.com

This class is designed for:
Crime Scene Investigators
Criminalists
Firearm Examiners
ID Techs
Crime Scene/Homicide Detectives

- This course has frequent **LIVE-FIRE** components to it! You will **see** how the evidence at shooting scenes is generated
- Practical, hands on trajectory measurement techniques, and a comparison of known impact angles to measured angles in walls, cars, other objects and materials
- Training in correct usage of trajectory analysis equipment (rods, lasers, protractors, and more)
- A thorough review of small arms ammunition and projectile design characteristics critical to shooting reconstruction
- Examination of shooting reconstruction as a well founded aspect of forensic science
- Review of common questions and issues in shooting incidents (case illustrations)



- Instruction in shooting incident investigation and reconstruction procedures, well as basic crime scene procedures
- Case investigation approach and philosophy
- Cover the properties of specific terminal ballistic events (shot sequence, direction of fire, etc.)
- Examination of projectile penetration, perforation, and deflection characteristics of: sheet metal, glass, wall materials, wood, tires, and more!

- A complete review of fundamental exterior and terminal ballistic properties of projectiles
- Laboratory examination aspects of recovered bullets from a reconstructive standpoint - the Locardian Principle and trace evidence considerations
- Chemical tests to determine whether a suspected impact site is, or is not bullet/pellet created
- Cartridge case ejection patterns
- Shotgun ballistics and pellet pattern analysis
- Introduction to 3D Laser Scanning as the cutting edge method of crime scene documentation

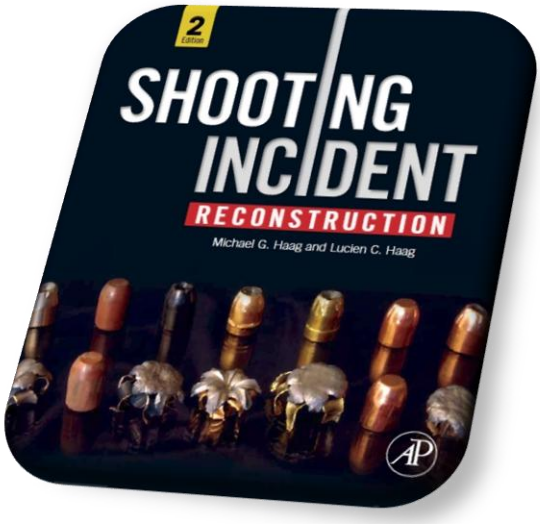
- Written test final... test your knowledge, what have you learned?
  - **Certificate of Completion**

(should you pass!)

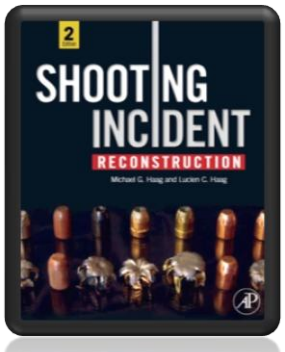
Students Should Bring

Appropriate Clothing and Water
Cameras
Note Taking Equipment
Eye and Ear Protection
Computers (if you wish)
Video Cameras (if you wish)

Cost: $900 USD or $980 w/ Text



Michael G. Haag, BS Chemistry
Forensic Science Consultants



Forensic Scientist
Firearm Examiner
Crime Scene Investigator and Reconstructionist

Mike Haag grew up learning about the field of forensic firearms from his dad, Luke. Even in grade school he helped conduct research projects in many areas of firearms identification and shooting reconstruction, as well as assisted in forensic casework. He has presented and published numerous papers at AFTE conferences, presented in England, and interned with the German Federal Forensics Section (BKA) in Wiesbaden. He is a Distinguished Member of the Association of Firearm and Tool Mark Examiners, a member of the American Academy of Forensic Sciences, and many other forensic associations. Mike is currently employed by the Albuquerque Police Department Crime Lab, where he is Supervisor of the Firearm and Tool Mark Unit, Controlled Substances Unit, Blood / Breath Alcohol unit, a member of the Major Crime Scene Team, and a New Mexico State Certified Law Enforcement Firearms Instructor. He has now taught numerous consecutive sessions of trajectory analysis and shooting reconstruction at the BATF's National Firearm Examiner's Academy, as well as Shooting Reconstruction classes in Florida, Arizona, California, Texas, Oregon, Colorado, New Mexico, South Dakota, Georgia, Washington DC, Maryland, Canada, the UK, and Switzerland. Some of his most notable cases have come from as far away as Taiwan and Iraq He has worked on hundreds of homicide cases, and many other types of cases covering the spectrum of civil, criminal, prosecution, plaintiff, and defense. Mike is also one of the few Forensic Scientists Certified by AFTE in all three areas offered: Firearm Evidence Examination and Identification, Gunshot Residue Analysis and Distance Determinations, and Tool Mark Evidence Examination and Identification. He is also certified by IAI as a Crime Scene Reconstructionist. Mike has appeared on the Discovery Channel, and the been interviewed by FOX News on firearm related issues numerous times. He is also author of the authoritative text on the subject, Shooting Incident Reconstruction.