

## Bloodstain and Bullet Pattern Analysis for Crime Scenes

**DATE:** Tuesday, Wednesday and Thursday, April 21, 22 and 23, 2009

**LOCATION:** Western Illinois Police Training Unit, 1801 Windish Drive, Galesburg IL

**TIME:** 8:00 a.m.—5:00 p.m. each day

**INSTRUCTOR:** Public Agency Training Council, Indianapolis, Indiana

### **About the Course:**

This 3-day **HANDS-ON** training course is designed to give investigators, crime scene personnel and coroners a basic foundation in identifying and documenting bullet trajectory, bloodstain and pattern evidence. The course will provide the basic tools needed to establish parameters in bullet trajectory and bloodstain and pattern identification and crime scene reconstruction. In addition, the student will learn to work with blood and should be able to carry on additional experiments upon return to their departments which can lead to qualification as an *expert* in the future.

### **TOPICS INCLUDE:**

#### DAY ONE

- Principles of Bullets and Ballistics
- Scene Documentation and Court Presentation (Case Studies)
- Blood as Evidence
- Bloodstain Patterns
- Bloodstain Patterns and Principles to Knox

#### DAY TWO

- Bloodstain Terminology
- Blood Spatters and Measurements
- Case Preparation
- Hands-On Exercises (*to include: Effect on Receiving Surface; Effect of Distance, Surface and Angle; Effect of Angle on Shape; Blood Transfer Patterns*)

#### DAY THREE

- Effect of Horizontal Motion
- Castoff Patterns
- Medium Velocity Patterns
- Splashed and Projected Blood
- Distance and Horizontal Motion
- Practicals (*to include: High Velocity Patterns; Use of Luminol*)

### **REGISTRATION:**

Contact Western Illinois Police Training Unit at 309-344-3366; fax 309-344-5215; e-mail [wiptu@gallatinriver.net](mailto:wiptu@gallatinriver.net) or online at [www.wiptu.org](http://www.wiptu.org).