



# TRAIN THE TRAINER

## Course Outline

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### Course Objectives

The purpose of this course is to ensure that trainers are prepared to deliver relevant and useful material that will be used to train, coach, and support new and existing **IBIS**® TRAX-HD3D™ users. Ultra Electronics Forensic Technology Inc. approved trainers will be able to monitor and identify acquisition protocols that are not being followed correctly. Trainers will be able to monitor and correct data entries to ensure that quality levels are maintained and to properly identify and correct user issues from technical issues.

This course will strengthen the trainer's skill set, will cover best practices and several of the more unusual cartridge case and bullet acquisitions, and will also provide a comprehensive overview of the IBIS TRAX-HD3D systems (BRASSTRAX™, BULLETRAX™, and MATCHPOINT™).

This course will help identify different learning and teaching styles and will include practice time in the classroom environment.

### Prerequisites

Basic computer skills (Windows® environment)

Basic firearms knowledge

Strong communication skills and previous training experience is preferable

Six months of experience using IBIS TRAX-HD3D

### Delivery Method

Instructor-led (classroom environment)

#### **BRASSTRAX**

- Introducing BRASSTRAX
- Working with Cases, Firearm Exhibits, and Cartridge Case Exhibits
- Acquiring Centerfire Impressions
- Reinforcing Proper Acquisition Protocols for All ROIs:
  - Ejector Marks
  - Rectangular Rimfire Firing Pin Impressions
  - Circular Rimfire Firing Pin Impressions
- Validating Images
- BRASSTRAX Tools
- Administration
- Best Practices

#### **BULLETRAX**

- Introducing BULLETRAX
- Working with Cases, Firearm Exhibits, and Bullet Exhibits
- Acquiring Pristine Bullets
- Acquiring Damaged Bullets, Polygonal Bullets, and Smooth Bore Bullets
- Validating Images
- BULLETRAX Tools
- Administration
- Best Practices

### **MATCHPOINT**

- Describing Correlations
- Interpreting Cartridge Case and Bullet Correlation Scores
- Using the MultiViewer to Analyze Cartridge Case and Bullet Exhibits
- Using the Side-by-Side Viewer to Analyze Cartridge Case and Bullet Exhibits
- Working with Hits
- Creating Manual Correlation Requests
- Proficiency Test
- MATCHPOINT Tools and Additional Functions

### **TRAIN THE TRAINER**

- Learning Theory and Learning Styles
- Making the Transition to a Trainer
- Principles of Adult Learning
- Training Methods
- Lesson Planning and Development
- Evaluating the Adult Learner
- Presenting with Impact
- Managing Your Time as a Trainer

### **TRAINING TOOLS**

- How to Develop a Lesson Plan
- How to Use the Course Material
- How to Use Teaching Tools Effectively
- Training Workshops

TGD26-00013, v2.0