

Recovery of Outdoor Forensic Scenes: Basics of Forensic Archaeology and Forensic Taphonomy

Oct 18, 2019 \$225.00

This one-day course will introduce participants to the principles, practices, and methods of Forensic Archaeology and Forensic Taphonomy as applied to the outdoor forensic scene. Lectures and practical exercises involving crime scene mapping and recovery of mock outdoor crime scenes will be used to describe state-of-the-art methods available to investigators during the documentation and recovery of physical evidence, including human remains, from a variety of outdoor contexts, including large-scale searches, surface scatters, and buried body features. Many actual forensic cases will be presented.



Assessing Forensic Significance of Skeletal Tissues Found in Outdoor Scenes

Oct 19, 2019 \$225.00

The goal of this one-day course is to familiarize professionals with: 1) the identification of human skeletal remains frequently encountered at forensic anthropological outdoor scenes, and 2) the determination of forensic significance, particularly differentiating human versus animal bones. Course will also cover basics of what forensic anthropologists can learn from bones, including the biological profile (age, sex, ancestry,



and stature), skeletal trauma (blunt-force, sharp-force trauma, and ballistic trauma), and taphonomic alterations (including carnivore and rodent chewing and burned bone). The course involves hands-on opportunities with real human bone.

Fatal Fire Victim Recovery

Oct 24, 2019 \$225.00

The one-day course is designed to introduce participants to the basics of properly processing rather complex and difficult fire scenes involving a human victim. The course will cover the basics of scene documentation (written, photographic, and cartographic [mapping] means) of both burned structures and car fires. The effects of fire and heat on soft and hard biological tissues will also be detailed. Forensic cases and the protocols developed as part of the U.S. National Institute of Justice Grant #2008- DN-BX-K131 will be discussed.



Mass Disaster Scene Reconstruction

Oct 25, 2019 \$225.00

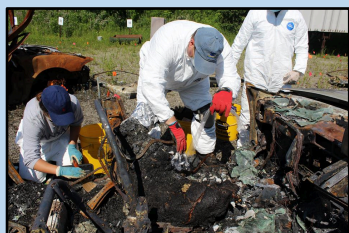
The goal of this course is to provide participants with a working knowledge of how to conduct the most efficient and effective processing of a large-scale disaster scene involving multiple human victims. Nationally-recognized standards developed, tested, and published by the course directors will be presented and demonstrated. The course will discuss past recovery efforts at incidents such as the USAir Flight 427 and United Flight 93 (9/11), as well as the prioritization of various types of evidence associated with these incidents and scenes. An emphasis will be placed on demonstrating and utilizing the multiple levels of scene mapping equipment including electronic total stations, high-end GPS units, 3D scanners, and mapping and documentation drones.



Fatal Fire and Mass Disaster Hands-On Recovery:

Oct 26, 2019 \$225.00

The one-day course will consist of an all-day mock outdoor crime scene involving a car fire with a human proxy. Participants will get the chance to excavate the car themselves using the documentation and recovery protocols they have learned in the lecture-based courses. Equipment used to properly map a mass disaster and fatal fire scene, including an electronic total station, 3D Scanning, and Drones will be demonstrated.



Dennis C. Dirkmaat, Ph.D., D-ABFA;
HD Forensics; Mercyhurst University; and Tripwire Operations Group Present:
2019 Forensic Short Courses for Coroners, Law Enforcement, and University Students

We will be offering five forensic one-day short courses this October 2019 on a range of topics. Course titles and information are listed below, but please visit hdforensics.com to register and for more information.

Oct 18 **Recovery of Outdoor Forensic Scenes: Basics of Forensic Archaeology and Forensic Taphonomy**
Instructors: Dirkmaat, Ph.D., D-ABFA, and Hochrein, Special Agent FBI (Ret.)
Location: Mercyhurst University, Erie, PA
Cost: \$225 (10% discount if you sign up for two or more one-day courses)

Oct 19 **Assessing Forensic Significance of Skeletal Tissues Found in Outdoor Scenes**
Instructors: Dirkmaat, Ph.D., D-ABFA; Leslie Fitzpatrick, Ph.D.; and Joe Adserias, Ph.D., D-ABFO
Location: Mercyhurst University, Erie, PA
Cost: \$225 (10% discount if you sign up for two or more one-day courses)

Oct 24 **Fatal Fire Victim Recovery**
Instructors: Dirkmaat, Ph.D., D-ABFA, and Hochrein, Special Agent FBI (Ret.)
Location: Tripwire Operations Group Property, Gettysburg, PA
Cost: \$225 (10% discount if you sign up for two or more one-day courses)

Oct 25 **Mass Disaster Scene Reconstruction**
Instructors: Dirkmaat, Ph.D., D-ABFA; Hochrein, Special Agent FBI (Ret.); Wallace Miller, Somerset Co. Coroner; and Elias Kontanis, Ph.D., NTSB
Location: Tripwire Operations Group Property, Gettysburg, PA
Cost: \$225 (10% discount if you sign up for two or more one-day courses)

Oct 26 **Fatal Fire and Mass Disaster Scene Recovery: Hands-On**
Instructor: Dirkmaat, Ph.D., D-ABFA, and Hochrein, Special Agent FBI (Ret.)
Location: Tripwire Operations Group Property, Gettysburg, PA
Cost: \$225 (10% discount if you sign up for two or more one-day courses)

Cut here _____

Short Course Registration Form

You can register on our website (hdforensics.com) or with this form. Register on this form by filling out your information and mailing the completed form to:

HD Forensics
4023 Alison Ave.
Erie, PA 16506

To pay for the course, you may pay the full amount now (via PayPal on HDForensics.com/c2019-courses) or you may also pay on the day of the class. Tuition discount (10% overall) for enrollment in multiple one-day courses. Tuition costs do not include transportation or meals. Limited dormitory-style housing is available for Tripwire location courses and must be paid separately from course tuition. Tuition checks should be addressed to "HD Forensics."

Questions: call Dr. Dirkmaat at (814) 397-3771

Course Title: _____

Name: _____

Address: _____

Affiliation: _____

Email: _____

Phone: _____

Amount enclosed: _____

Send info on housing (circle): Yes No

****All courses have been approved for 8 hours of PA Coroners Continuing Education credit and 8 hours of training towards IAI Initial Crime Scene Certification and Recertification****