

Outdoor Crime Scene Reconstruction: From Scene to Courtroom

Location: Erie, Pennsylvania

Dates: July 24-28, 2023, Erie, PA

Instructors: Dirkmaat, Adserias, Hochrein, Jester, Cabo, Lench

Audience: Students of Forensic Sciences, Law enforcement, Medicolegal professionals, Criminal Law attorneys, Crime Writers and other interested. Must be 18 years of age.

Tentative Syllabus

24 July 2023

Day 1. Introduction to the fields of Forensic Anthropology, Forensic Archaeology, Forensic Taphonomy, and Outdoor Crime Scene Reconstruction. Presentation of the forensic case to be focused upon during the week. Presenting the law enforcement, medicolegal, and jurisprudence perspectives.

25 July 2023

Day 2. Details of forensic archaeology, crime scene mapping, and forensic taphonomic perspective. Hands-on practice with mapping instruments (total station, scene scanners, etc.). Processing of mock scene mirroring the forensic case

26 July 2023

Day 3. The Forensic Anthropology Laboratory. Analysis of the human tissues. Creation of the inventory and biological profile (chronological age, sex, stature and ancestry) of the recently deceased.

27 July 2023

Day 4. Analysis of skeletal trauma and contributions to cause and manner of death. Personal identifications through forensic odontology, osteological means, and DNA analysis.

28 July 2023

Day 5. Outdoor Crime Scene Reconstruction. Forensic taphonomic reconstructions of past events, as well as Death and Emplacement Event. Preparing the Final Report for law enforcement, the medicolegal and jurisprudence communities. Perspectives on courtroom presentations as the Expert Witness.