Basic Death Investigation Seminar

Seminar Schedule

7:15-7:30 AM Registration

7:30-9:45 *Michael Iliescu, MD, Scottsdale Community College*

- Medical Examiner/Coroner system
- Determination of Timing of Death
- Post-Mortem Changes and Identification of Human Remains
- Asphyxia

10:00-12:00 *Michael Iliescu, MD, Scottsdale Community College*

- Blunt force injury, pattern injury and child abuse
- Motorcycle accidents and head trauma
- Virtual autopsy (CAT-opsy) the autopsy of the future

12:00-1:00 LUNCH BREAK

1:00-3:45 PM *Michael Iliescu, MD, Scottsdale Community College*

- Stab wounds
- Gunshot wounds
- Drowning
- Basic Forensic anthropology

4:00-5:00 PM *Michael Iliescu, MD*

- Mock crime scene: SIDS death scene and methods of documentation of the crime scene
- Basic SIDS investigation

I. SEMINAR DESCRIPTION:

This multi-media seminar provides an overview of the various ways the medical profession contributes to the criminal justice system using lecture, slide presentations, and films. After a historic overview, the course focuses on forensic pathology and its role in the medico legal investigation of death via post-mortem examinations. Study of the autopsy includes means of determination of timing of death, identification of human remains, accidental deaths, suicides, and homicides. Special attention is paid to deaths by gunshot wound, sharp force injury, blunt force trauma, asphyxiation, child abuse, drowning and techniques used in motorcycle accident investigation. Participants will be able to observe and conduct the investigation of SIDS death, in a mock crime scene setting.

II. SEMINAR COMPETENCIES:

1. Differentiate between the coroner and medical examiner systems
2. Explain the difference between cause, manner and mechanism of death
3. Estimate time of death using various measures of post-mortem interval
4. Explain the ways forensic anthropology, forensic odontology, forensic serology and forensic DNA analysis are used to identify human remains
5. Describe the components and procedures used during the forensic biomechanics analysis of motor vehicle accidents
6. Describe the components and procedures used during a (mock) crime scene investigation
7. Describe, identify and differentiate the major types of blunt force trauma and head trauma in motorcycle accidents
8. Describe, identify and differentiate the major types of sharp force injuries
9. Describe and identify wounds due to gunfire
10. Describe, identify, and differentiate deaths due to asphyxia and drowning