Forensic Anthropology Techniques Training Course

Professional Development Training Course Outline

Category	Criminology	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

Forensic anthropology is a powerful subfield of physical anthropology that applies skeletal analysis and archaeological techniques to solving criminal cases. As crime scene investigation becomes increasingly complex, the demand for expert forensic anthropologists has surged. Training Course on Forensic Anthropology Techniques equips professionals with hands-on forensic tools, advanced identification methods, and skeletal analysis strategies used in modern criminal justice systems.

Whether you're an aspiring forensic scientist, law enforcement officer, or academic researcher, this course offers practical skill development and real-world case study applications. Participants will gain a deeper understanding of skeletal trauma analysis, biological profiling, forensic taphonomy, and the integration of forensic data into legal proceedings, enhancing both investigative accuracy and courtroom credibility.

Programme Curriculum

Forensic Anthropology Techniques Training Course

Introduction:

Forensic anthropology is a powerful subfield of physical anthropology that applies skeletal analysis and archaeological techniques to solving criminal cases. As crime scene investigation becomes increasingly complex, the demand for expert forensic anthropologists has surged. Forensic Anthropology Techniques Training Course equips professionals with hands-on forensic tools, advanced identification methods, and skeletal analysis strategies used in modern criminal justice systems.

Whether you're an aspiring forensic scientist, law enforcement officer, or academic researcher, this course offers practical skill development and real-world case study applications. Participants will gain a deeper understanding of skeletal trauma analysis, biological profiling, forensic taphonomy, and the integration of forensic data into legal proceedings, enhancing both investigative accuracy and courtroom credibility.

Course Objectives

1. Understand core principles of forensic anthropology and human osteology.
2. Identify and distinguish human skeletal remains in forensic contexts.
3. Apply techniques for age, sex, ancestry, and stature estimation.
4. Analyze skeletal trauma and pathological conditions for case interpretation.
5. Explore methods for postmortem interval and taphonomic assessments.
6. Investigate mass disaster recovery and excavation strategies.
7. Examine legal and ethical considerations in forensic anthropology practice.
8. Utilize 3D imaging, CT scans, and photogrammetry in skeletal analysis.
9. Collaborate with crime scene units for interdisciplinary investigations.
10. Develop skills for expert witness testimony and courtroom preparation.
11. Examine forensic facial reconstruction and craniofacial analysis.
12. Evaluate the role of forensic anthropology in human rights investigations.
13. Conduct hands-on case simulations and laboratory-based reconstructions.

Target Audiences:

1. Forensic Scientists
2. Law Enforcement Officers
3. Criminal Investigators
4. Pathologists
5. University Students in Anthropology or Criminology
6. Medical Examiners and Coroners
7. Human Rights Investigators
8. Legal and Forensic Consultants

Course Duration: 5 days

Course Modules

Module 1: Introduction to Forensic Anthropology

- Definition, history, and scope
- Subfields and interdisciplinary applications
- Ethical and legal responsibilities
- Difference between human and non-human bones
- Tools and lab safety in forensic anthropology
- **Case Study: “Identification of Unmarked Remains in Arizona Desert”**

Module 2: Human Osteology and Skeletal Identification

- Major bones of the human body
- Skeletal variation and human diversity
- Bone inventory and labeling techniques
- Recognition of juvenile vs. adult remains
- Sex, age, ancestry, and stature estimation methods
- **Case Study: “Resolving a Cold Case from 1984 Using Skeletal Clues”**

Module 3: Trauma and Pathology Interpretation

- Types of skeletal trauma (blunt, sharp, gunshot)
- Bone healing and peri-mortem analysis
- Disease markers in skeletal tissue
- Forensic differentiation of trauma vs. pathology
- Tools used in trauma reconstruction
- **Case Study: “Domestic Violence Victim – Skeletal Trauma Profile”**

Module 4: Taphonomy and Postmortem Changes

- Stages of decomposition
- Environmental and biological factors
- Burial conditions and scavenger activity
- Soil and climate impact on bone preservation
- Postmortem interval estimation
- **Case Study: “Body Farm Analysis of Decomposition in Humid Climate”**

Module 5: Forensic Archaeology and Mass Graves

- Archaeological excavation techniques
- Mapping and documentation of burial sites
- Recovery of skeletal materials
- Chain of custody and evidence handling
- Human rights investigations and war crime documentation
- **Case Study: “Exhumation of Mass Grave in Bosnia”**

Module 6: Technology in Forensic Anthropology

- 3D scanning and CT imaging
- Photogrammetry in skeletal analysis
- Use of AI in facial approximation
- Software tools for virtual reconstruction
- Integration of tech in legal exhibits
- **Case Study: “Virtual Facial Reconstruction Aiding Cold Case Resolution”**

Module 7: Expert Witness and Legal Interface

- Preparing expert reports and documentation

- Testifying in court: do’s and don’ts
- Role of forensic anthropologist in legal teams
- Mock trial preparation
- Legal admissibility of anthropological evidence
- **Case Study: “Testimony in a Wrongful Death Suit Based on Bone Evidence”**

Module 8: Global Perspectives and Human Rights

- Forensic anthropology in genocide investigations
- Cross-border mass grave documentation
- Cultural sensitivity in handling remains
- Case documentation for NGOs and tribunals
- Training global forensic teams
- **Case Study: “Anthropological Role in Rwandan Genocide Investigation”**

Training Methodology:

- Interactive lectures with visual skeletal models
- Lab-based practical sessions with real or replica bones
- Virtual 3D simulations and software walkthroughs
- Group work and team-based case resolution
- Real-world case studies and mock trials
- Continuous assessment via quizzes, assignments, and practical exams

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com