

Applied Ethics in Forensics

Ethics in the Practice of Forensics

- We have briefly discussed Deontology, Consequentialism and Applied Ethics
- The area of ethics that directly relates to your practice is **Applied Ethics**
- Derivations of Applied Ethics principles are incorporated in the practices associated with various Forensic Certifications
- These derivations are referred to as Professional Codes of Conduct

Four Basic Principals of Applied Ethics

- **Non-Maleficance** – Do no harm
- **Beneficence** – Do Good
- **Autonomy** – The Right of each person to self-determination
- **Justice** – Every person has the Right to share equally in the costs and benefits of society

Example Professional Codes of Conduct

From the CISSP Certification Code of Ethics

- Protect society, the public good, trust, and infrastructure
- Act honorably, honestly, justly, responsibly, and legally
- Provide diligent, competent service to principals (employers/clients)
- Advance and protect the profession.

Example Professional Codes of Conduct

General Principles of Ethics in Digital Forensics

Integrity & Honesty: Be truthful in all your doings and do not misrepresent your qualifications or evidence, Do not withhold information.

Competence: Maintain relevant subject matter knowledge and only present findings that are re-producible using generally accepted methodologies.

Objectivity & Impartiality: Avoid all bias and conflict of interests. Base evidence on facts and never personal opinions or beliefs.

Public Trust: Practice confidentiality and work in a manner that supports the interests and confidence of the public.

Example Certifications in Digital Forensics

Global Information Assurance (GIAC) Certifications

GCFE: Certified Forensic Examiner

GCFA: Certified Forensic Analyst

GBFA: Battlefield Forensics and Acquisition

International Council of E-Commerce (EC Council) Certifications

CHFI: Computer Hacking Forensic Investigator

Vendor Certifications

Encase EnCE: Encase certified Examiner

Access Data ACE: Access Data Certified Examiner

Cellebrite CCME: Cellebrite Certified Mobile Examiner