

Computer Forensics Fundamentals

ONLINE SELF-PACED CERTIFICATE COURSE

A court-aligned computer forensics course built for practitioners who handle real evidence, write real reports, and testify in real cases. Covers Windows, macOS, and Linux acquisition and analysis, memory forensics, the Windows Registry, event logs, cloud artifacts, and anti-forensics detection.

Format	Online, self-paced
Duration	10–12 hours
Modules	15 modules, 36 lessons
Access	12 months
Tools (educational)	Autopsy, FTK, X-Ways, Magnet AXIOM
Credential	Certificate of Completion · 12 CPE
Launch pricing	\$297 launch (regularly \$497) — ends June 11

Full Curriculum

MODULE 01 Computer Forensics Foundations

- What Computer Forensics Is
- Civil, Criminal, Corporate & Legal Use Cases
- Digital Evidence Concepts
- Forensic Soundness
- Common Mistakes

MODULE 02 Legal Authority, Ethics & Scope

- Consent, Warrants & Court Orders
- Corporate Authorization & Private-Sector Scope
- Scope Control & Documentation Requirements

MODULE 03 Evidence Handling & Chain of Custody

- Evidence Intake & Labeling
- Storage, Hashing & Chain-of-Custody Records

MODULE 04 Acquisition Fundamentals

- Live vs. Dead-Box Acquisition
- Imaging Concepts & Validation
- Write Blockers & Image Formats

MODULE 05 File System Artifacts

- Windows File System Artifacts (NTFS, MFT, \$UsnJrnl, MACE)
- macOS File System Artifacts
- Linux File Systems
- File Carving Techniques

MODULE 06 Memory Forensics

- Volatile Memory Concepts & Acquisition
- Volatility Analysis

MODULE 07 Windows Registry Forensics

- Registry Architecture & Hive Structure
- Key Registry Artifacts
- Execution Artifacts (Prefetch, Shimcache, AmCache, SRUM)

MODULE 08 Windows Event Logs

- Event Log Architecture & EVTX Format
- Key Event IDs (Logon, Account Management, Privilege, Persistence)

MODULE 09 Browser, Email & User Activity

- Browser Artifacts (Chrome, Firefox, Edge)
- Email Artifacts (PST, OST, headers)

MODULE 10 Cloud Storage & Anti-Forensics

- Cloud Storage Sync Artifacts (OneDrive, Dropbox, Google Drive)
- Anti-Forensics Detection (Secure Deletion, Timestomping, Log Clearing)

MODULE 11 USB & External Device Activity

- USB Connection Artifacts & User Attribution

MODULE 12 Timeline Reconstruction

- Building a Defensible Timeline

MODULE 13 Analysis Workflow & Tool Validation

- Autopsy Workflow
- FTK & X-Ways; Cross-Tool Validation
- Magnet AXIOM Workflow

MODULE 14 Reporting & Court Readiness

- Forensic Report Structure
- Expert Witness Testimony Preparation

MODULE 15 Final Assessment

- Course Review & Key Takeaways

Enroll at launch pricing through June 11. \$297 launch (regularly \$497). 12-month access, certificate of completion, 7-day money-back guarantee. Government POs and net-30 billing accepted; group and agency licensing available.

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