

Introduction to Digital Forensics

This Digital Forensics Training prepares junior security admins to plan a career in forensics, choose the right tools, and uncover the truth behind digital events. Learn how to analyze digital evidence, understand legal requirements, and explore both commercial tools and custom coding techniques. Perfect for onboarding new security admins or as a cybersecurity reference resource.

[CBT Nuggets course material](#) →

WEEK 1

Incident Response

152 min.

Incident response	1
Incident Handling Process	8
Preparing for the Incident	5
Event Detection	6
Eradicate and Recover	6
Writing Everything Up	8
When is it a Legal Problem?	6
Interfacing With Law Enforcement	5

Digital Investigations

Overview	1
Digital Investigations	2
Identify Digital Evidence	7
Understanding the Disc	8
Basics of Coding	8
Network Devices	7
Operating Systems	8
Reading Materials	5

Live Examination

Overview	1
Live Examination	1
Approaching the System	6
Working with FTK	10
Working with EnCase	4
Watching the System Talk	9
Cloning a System	11

Moving to the Next Step 4

Network Investigations

Overview 1

Supplemental File 1

Network Investigations 1

Session Monitoring 9

WEEK 2

156 min.

Too Many Connections 10

Knowing the Boundaries 7

Packet Reading Basics 11

Network Analysis WITH SSL/TLS 7

Memory Investigations

Overview 1

Supplemental File 1

Memory Investigations 2

How RAM Operates 8

Volatile Memory 9

Extracting the Memory 9

Volatility 10

Comparing to the System 5

Malware Investigations

Overview 1

Malware Investigations 1

Know the Enemy 6

Malware Alert! 6

Finding the Malware 9

The Hunt Begins 8

What's in the Payload? 5

Find the Evidence on the Network 10

Report the Findings 2

Cloud Investigations

Overview 1

Cloud Investigations 2

Identifying the Different Clouds 7

Specializing Those Clouds 5

Where is the cloud? 10

WEEK 3

70 min.

Where are we going? 9

Understand the flow 8

Tool Usage 5

Federal Rules of Evidence

Overview 1

Federal Rules of Evidence 6

Daubert Standard 12

Rule 702 6

Rule 701 5

Rule 901 6

Rule 902 6

Tying it all together 4