

# Intro to IT Information Security Fundamentals Training

This Information Security Fundamentals training introduces aspiring IT professionals to key concepts like triple-A principles, password best practices, and balancing confidentiality with availability. Learn the basics of information security, gain essential vocabulary, and prepare for further IT security roles in this security fundamentals course. This CompTIA training can be used to onboard new or aspiring IT professionals, curated into individual or team training plans, or as a CompTIA reference resource.

[CBT Nuggets course material](#) →

## WEEK 1

### Security: Confidentiality, Integrity, and Availability

157 min.

Confidentiality Concerns	12
Social Engineering and Dumpster Diving	18
Man in the Middle and Replay Attack	8
Availability Concerns	19

### Secure Devices and Implement Best Practices

Overview	1
Malware Purpose, Types, and Effects	11
Malware Prevention	10
Using Antivirus Protection	16
Perform Updates	19
Software and Malware Summary	8
Implement Device Passwords	5

### AAA and Good Password Practices

Overview	1
Understanding AAA	8
Authentication Factors	19

## WEEK 2

165 min.

Password Best Practices	15
Security Quiz	6

### Behavioral Security, Disaster Recovery, and Fault Tolerance

Overview	1
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Introduction	1
Behavioral Security Concepts	23
Disaster Recovery and Fault Tolerance	24

### **Encryption and Privacy**

Overview	1
Data Encryption	17
Data State Encryption	15
Expectation of Privacy	5
Quiz: Encryption and Privacy	8

### **Troubleshooting**

Overview	1
Gather Information	11
Narrow Scope	16
Questioning the Obvious and Categorization	18

## **WEEK 3**

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	<b>17 min.</b>
Hardware, OS, and Apps	16