

# Hands-On Security Awareness



## Course Description

This extensive Hands-On course will describe the importance of securing information, and identify the different ways to guard yourself against social engineering exploits.

This course will also cover the security practices related to computers, mobile devices, networks, and the Internet.

Teach techs to maintain the security of the files and folders stored on your computing devices, identify and protect information against risks associated with the cyber world, identify potential security incidents, ways to respond in the event of a possible breach, and measures to prevent a security breach.

Also identify methods to keep the cloud and virtualized environments secured and much more...



## Students Will Learn

- **Describe the importance of securing information.**
- **Identify the different ways to guard yourself against social engineering exploits.**
- **Describe the security practices related to computers, mobile devices, networks, and the Internet.**
- **Maintain the security of the files and folders stored on your computing devices.**
- **Identify and protect information against risks associated with the cyber world.**
- **Identify potential security incidents, ways to respond in the event of a possible breach, and measures to prevent a security breach.**
- **Identify methods to keep the cloud and virtualized environments secured.**
- **And much more...**

## Target Audience

This course is a must for anyone who intends to use computers at home or in an office and or networking environment.

## Prerequisites

Students should understand fundamental computer concepts, such as how to run applications, manage files, and use a web browser.

## Course Outline

### Lesson 1: Securing Information

- A: Examine Information Security
- B: Implement Physical Security Measures
- C: Examine Cyber Security

### Lesson 2: Guarding Against Social Engineering Exploits

- A: Identify Social Engineering Exploits
- B: Counteract Social Engineering Exploits
- C: Evolve Social Engineering Organization Policies

### Lesson 3: Identifying Security Measures

- A: Strengthen Desktop Security
- B: Strengthen Software Security
- C: Strengthen Browser Security
- D: Strengthen Network Security
- E: Secure Wireless Networks
- F: Strengthen Mobile Security

### Lesson 4: Maintaining File System Security

- A: Implement File System Security in Windows
- B: Back Up and Restore Data
- C: Dispose of Data Securely

### Lesson 5: Guarding Against Attacks

- A: Protect a Computer from Security Threats
- B: Protect Computers from Virus Attacks
- C: Protect Computers from Social Network Threats

### Lesson 6: Handling Security Breaches

- A: Identify Incidents

B: Respond to Incidents

Lesson 7: Identifying Cloud Computing And Virtualization Security Methods

A: Fundamentals of Cloud Computing

B: Fundamentals of Virtualization

Appendix A: Security and Privacy Regulations

## **Delivery Method**

Instructor-Led with numerous Hands-On labs and exercises.

## **Equipment Requirements**

**(This apply's to our hands-on courses only)**

BTS always provides equipment to have a very successful Hands-On course. BTS also encourages all attendees to bring their own equipment to the course. This will provide attendees the opportunity to incorporate their own gear into the labs and gain valuable training using their specific equipment.

## **Course Length**

3 Days