

# Certified Secure Computer User (C|SCU)

Duration: 2 Days

Method: Instructor-Led Training (ILT)

*Certification: Secure Computer User Specialist (CSCU)*

## Course Description

The purpose of this training program is to provide individuals with the necessary knowledge and skills to protect their information assets. This class will immerse participants into an interactive environment where they will

acquire a fundamental understanding of various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, viruses and backdoors, email hoaxes, sex offenders lurking online, loss of confidential information, hacking attacks and social engineering. More importantly, the skills learned from the class helps them take the necessary steps to mitigate their security exposure.



## Target Audience

This course is specifically designed for:

- Today's computer users who use the Internet extensively to work, study and play.

## Prerequisites

To attend this course, candidates must have:

- End-user skills with any current version of Windows® /Mac, including being able to start programs, switch between programs, locate saved files, close programs, and use a browser to access websites.

## Exam Details

Exam Code:	• 112-12
Length of Exam:	• 2 Hours
Number of Questions:	• 50
Passing Score:	• 70%
Question Format:	• Multiple Choice



## Course Objectives

Upon successful completion of this course, attendees will be able to:

- Understand the need and importance of data security.
- Implement operating system security measures on their computers.
- Understand malware and its symptoms.
- Make an informed decision about choosing the antivirus which is most relevant to their needs.
- Understand the risks associated with different online activities.
- Understand why and how to secure web browsers.
- Identify safe websites.
- Safeguard against the threats associated with online social networking.
- Understand how to make their social networking accounts secure.
- Understand the threats associated with email communications and how to safeguard against them.
- Understand the threats to mobile devices and how to safeguard against them.
- Understand the threats associated with cloud accounts and how to safeguard against them.
- Make an informed decision about a cloud service provider which fulfils their requirements.
- Understand the various types of networks and the threats associated with them.
- Configure a home network.
- Make their networks secure.
- Understand the threats to data and the need for data backups.
- Backup and restore data on their computers.
- Destroy data permanently.



## Course Topics

### Module 1: Introduction to Data Security

- Data–Digital Building Blocks
- Importance of Data in the Information Age
- Threats to Data
- Data Security
- Potential Losses Due to Security Attacks
- Implementing Security

### Module 2: Securing Operating Systems

- Guidelines to Secure Windows
- Guidelines to Secure Mac OS X

### Module 3: Malware and Antivirus

- What is Malware
- Types of Malware
- Symptoms of Malware Infection
- Antivirus
- Configuring and Using Antivirus Software
- How to Test If an Antivirus is Working

### Module 4: Internet Security

- Understanding Web Browser Concepts
- Understanding IM Security
- Understanding Child Online Safety

### Module 5: Security on Social Networking Sites

- Understanding Social Networking Concepts
- Understanding Various Social Networking Security Threats
- Understanding Facebook Security Settings
- Understanding Twitter Security Settings

### Module 6: Securing Email Communications

- Understanding Email Security Concepts
- Understanding Various Email Security Threats
- Understanding Various Email Security Procedures

### Module 7: Securing Mobile Devices

- Understanding Mobile Device Security Concepts
- Understanding Threats to a Mobile Device
- Understanding Various Mobile Security Procedures
- Understanding How to Secure iPhone and iPad Devices
- Understanding How to Secure Android Devices
- Understanding How to Secure Windows Device
- Mobile Security Tools

### Module 8: Securing the Cloud

- The Concept of Cloud
- How Cloud Works
- Threats to Cloud Security
- Safeguarding Against Cloud Security Threats
- Cloud Privacy Issues
- Addressing Cloud Privacy Issues
- Choosing a Cloud Service Provider

### Module 9: Securing Network Connections

- Understanding Various Networking Concepts
- Understanding Setting Up a Wireless Network in Windows
- Understanding Setting Up a Wireless Network in Mac
- Understanding Threats to Wireless Network Security and Countermeasures
- Measures to Secure Network Connections

### Module 10: Data Backup and Disaster Recovery

- Data Backup Concepts
- Types of Data Backups
- Windows Backup and Restore Procedures
- MAC OS X Backup and Restore Procedures
- Understanding Secure Data Destruction

## ACTIVITIES INCLUDED

