C|SCU

Certified | Secure Computer | User

Certified Secure Computer User

Certificate: Certified Secure Computer User	**Accreditor:** EC-Council
	Language: English
Duration: 20 Hours	**Credits:** N/A
Course Delivery: Classroom,	

Course Description:

The purpose of the CSCU training program is to provide students with the necessary knowledge and skills to protect their information assets. This class will immerse students into an interactive environment where they will acquire fundamental understanding of various computer and network security threats such as identity theft, credit card fraud, online banking phishing scams, virus and backdoors, emails hoaxes, sex offenders lurking online, loss of confidential information, hacking attacks and social engineering. More importantly, the skills learnt from the class help students take the necessary steps to mitigate their security exposure.

Audience:

This course is specifically designed for today's computer users who use the internet and the www extensively to work, study and play.

Learning Objectives:

Individuals certified at this level will have demonstrated their understanding of:
- the need and importance of data security.
- how to implement Operating System security measures on their computers.
- malware and its symptoms.
- how to make an informed decision about choosing the antivirus which is most relevant to their needs.
- the risks associated with different online activities.

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- why and how to secure web browsers.
- identify safe websites.
- safeguard against the threats associated with online social networking.
- how to make their social networking accounts secure.
- the threats associated with email communications and how to safeguard against them.
- the threats to mobile devices and how to safeguard against them.
- the threats associated with cloud accounts and how to safeguard against them.
- how to make an informed decision about a cloud service provider which fulfills their requirements.
- the various types of networks and the threats associated with them.
- how to configure a home network.
- how to make their networks secure.
- the threats to data and the need for data backups.
- how to backup and restore data on their computers.
- how to destroy data permanently.

Benefits of Taking This Course:

- It adds value to the workplace by validating IT professionals' competencies and expertise in security and networking skills.

- For employers, by hiring more and more CSCU certification holders they are able to reduce the training and learning curve, thereby increasing the productivity.

- CSCU training provides a greater value, especially for aspirants by providing them a solid foundation to build their career in the corporate world.

- It increases the credibility of the IT aspirants by adding another credential in their resume and getting assured means of demonstrating formal recognition of their expertise.

- CSCU Certification improves avenues for employment, higher salaries and greater job satisfaction.

- The CSCU training and certification complements in a best manner to the educational offerings in the domain of security and networking.

Prerequisites:

As this is a basic course aimed at certifying computer and internet users, there are no basic requirements to attend. Everyone who uses email, surfs the www, chats on instant messaging, updates their Facebook page, tweets, uses Microsoft application programs, are encouraged to attend this program.

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Follow-on Courses:

- Fundamental Information Security (FIS)
- Fundamental Network Security (FNS)
- Fundamental Computer Forensics (FCF)

Course Materials:

Participants will receive the following as part of this course:

- 1 Course Book
- Access to CSCU self-study videos

Examination:

- Exam Format: Web-Based
- Questions: 50 multiple choice questions
- Passing Score: 70%
- Exam Duration: 120 minutes
- Proctoring: Accredited Training Center (ATC)

Technical Requirements:

For eBooks:

- Internet for downloading the eBook
- Windows and Mac based systems
- Android, iOS, and Windows Phone based Tablet and SmartPhones
- Adobe Reader 10

For eLearning:

- Web Browser (IE, Mozilla, Chrome, or Safari)

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Agenda:

Day 1	Day 2
Module 01: Introduction to Data Security	Module 06: Securing Email Communications
Module 02: Securing Operating Systems	Module 07: Securing Mobile Devices
Module 03: Malware and Antiviruses	Module 08: Securing the Cloud
Module 04: Internet Security	Module 09: Securing Network Connections
Module 05: Security on Social Networking Sites	Module 10: Data Backup and Disaster Recovery

Course Outline:

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 Antiviruses

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

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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

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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

For more information and enrolment to this course, kindly contact

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