

# Cyber Secure Coder (CSC)

**Price:** 2085

**Duration:** 3 days

**Delivery Methods:** Virtual

## Overview

The stakes for software security are very high, and yet many development teams deal with software security only after the code has been developed and the software is being prepared for delivery. As with any aspect of software quality, to ensure successful implementation, security and privacy issues should be managed throughout the entire software development lifecycle. This course presents an approach for dealing with security and privacy throughout the entire software development lifecycle. You will learn about vulnerabilities that undermine security, and how to identify and remediate them in your own projects. You will learn general strategies for dealing with security defects and misconfiguration, how to design software to deal with the human element in security, and how to incorporate security into all phases of development.

## Course Objectives

- Employ best practices in software development to develop secure software.
- Identify the need for security in your software projects.
- Eliminate vulnerabilities within software.
- Use a Security by Design approach to design a secure architecture for your software.
- Implement common protections to protect users and data.
- Apply various testing methods to find and correct security defects in your software.
- Maintain deployed software to ensure ongoing security.

## Who Should Attend?

This course is designed for software developers, testers, and architects who design and develop software in various programming languages and platforms, including desktop, web, cloud, and

mobile, and who want to improve their ability to deliver software that is of high quality, particularly regarding security and privacy. This course is also designed for students who are seeking the CertNexus Cyber Secure Coder (CSC) Exam CSC-210 certification.

### **Course Prerequisites**

This course presents secure programming concepts that apply to many different types of software development projects. Although this course uses Python®, HTML, and JavaScript® to demonstrate various programming concepts, you do not need to have experience in these languages to benefit from this course. However, you should have some programming experience, whether it be developing desktop, mobile, web, or cloud applications.

### **Agenda**

Lesson 1 - Identify Security Requirements and Expectations

Lesson 2 - Handling Vulnerabilities

Lesson 3 - Designing for Security

Lesson 4 - Developing Secure Code

Lesson 5 - Implementing Common Protections

Lesson 6 - Testing Software Security

Lesson 7 - Maintaining Security in Deployed Software

Lesson 8 - Design Software to Counter Specific Threats

Lesson 9 - Identify and Rank Threats

### **Course Schedule**

Date	Time	Price	Options
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## **FAQ**

### **What if I have to reschedule my class due to conflict?**

Ten (10) business days' notice is required to reschedule a class with no additional fees. Notify TOPTALENT LEARNING as soon as possible at 469-721-6100 or by written notification to [info@toptalentlearning.com](mailto:info@toptalentlearning.com) to avoid rescheduling penalties.

### **How do I enroll for this class?**

Please contact our team at 469-721-6100; we will gladly guide you through the online purchasing process.

### **What happens once I purchase a class?**

You will receive a receipt and an enrollment confirmation sent to the email you submitted at purchase. Your enrollment email will have instructions on how to access the class. Any additional questions our team is here to support you. Please call us at 469-721-6100.

### **What is your late policy?**

If a student is 15 minutes late, they risk losing their seat to a standby student. If a student is 30 minutes late or more, they will need to reschedule. A no-show fee will apply. Retakes are enrolled on a stand-by basis. The student must supply previously issued courseware. Additional fees may apply.

### **What happens when I finish my class?**

You will receive a 'Certificate of Completion' once you complete the class. If you purchased an exam voucher for the class, a team member from TOPTALENT LEARNING will reach out to discuss your readiness for the voucher and make arrangements to send it.