APPLIED TECHNOLOGY ACADEMY

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OffSec CyberCore – Security Essentials SEC-100 (OSCC) Training

OffSec Authorized Training · Applied Technology Academy

OffSec's CyberCore – Security Essentials (SEC-100) equips learners with the essential knowledge and hands-on skills needed to launch a successful career in cybersecurity. This comprehensive course covers basic offensive and defensive techniques, networking, scripting, application and operating system security, and business-related skills.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Beginner	**5 Days**	**None (basic computer literacy recommended)**	**$95,000**	**Yes**

Course Overview

Upon successful completion of the online training and demanding hands-on, proctored exam, learners earn the OffSec CyberCore Certified (OSCC SEC-100) certification. This certification validates expertise in essential cybersecurity domains, making certified professionals attractive candidates for entry-level cybersecurity positions.

- Course Objectives
- Cybersecurity fundamentals and frameworks
- Offensive and defensive security techniques
- Basic scripting and network security
- System administration and hardening
- Practical skills for entry-level cybersecurity roles

Course Outline

Introduction to SEC-100

Explore the core concepts and philosophies behind OffSec SEC-100: CyberCore- Security Essentials, setting the stage for your cybersecurity journey.

Anatomy of Cybersecurity

Understand the fundamental principles of cybersecurity, including common threats, vulnerabilities, and the importance of proactive defense.

Cybersecurity Frameworks and Standards

Learn about industry-recognized frameworks like NIST and ISO 27001, which provide guidance for implementing effective security practices.

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Cybersecurity Roles

Discover the diverse career paths available in cybersecurity, from penetration testers and security analysts to incident responders and security architects.

Linux Basics

Master the fundamentals of the Linux operating system, a critical skill for cybersecurity professionals due to its prevalence in server environments.

- Windows Basics
- Gain familiarity with the Windows operating system, its security features, and common vulnerabilities exploited by attackers.
- Data Transformation Fundamentals

Learn how to manipulate and transform data using various techniques, a valuable skill for analyzing security logs and identifying patterns.

Python Scripting Fundamentals

Master the basics of Python, a versatile programming language used for automation, scripting security tools, and developing exploits.

- PowerShell Scripting Fundamentals
- Learn the essentials of PowerShell, a powerful scripting language used for automating tasks in Windows environments.
- Networking Fundamentals

Understand the basics of networking, including protocols, topologies, and how data flows across networks, crucial for understanding how attacks propagate.

Intended Audience

The course is designed for individuals new to cybersecurity, including recent graduates and IT professionals seeking to transition into cybersecurity roles. It provides a comprehensive foundation in essential cybersecurity concepts and hands-on skills.

Prerequisites

There are no formal prerequisites for SEC-100: CyberCore -Security Essentials. However, basic computer literacy, familiarity with operating systems, and a willingness to learn are recommended.

Follow-On Courses

- Penetration Testing with Kali Linux (PEN-200)
- OffSec Wireless Attacks
- (PEN-210)
- Evasion Techniques and Breaching Defenses

- (PEN-300)
- Advanced Web Attacks with Kali Linux
- (WEB-200)

Features

Also available in an On-Demand formats below:

- SEC-100 CyberCore License - $899
- SEC-100 course content
- SEC-100 Virtual Labs
- Two (2) SEC-100 exam attempts

Ready to enroll? Call 800.674.3550 or email Info@AppliedTechAc.com — private team cohorts, GSA MAS purchasing, military credentialing funding, VA GI Bill and VR&E and student financing available.