APPLIED TECHNOLOGY ACADEMY

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OffSec Foundational Security Operations and Defensive Analysis SOC-200 (OSDA) Training

OffSec Authorized Training · Applied Technology Academy

We are a premier provider of SOC-200 OffSec OSDA Training. Security Operations and Defensive Analysis is OffSec's foundational security operations course. Students will learn the foundations of cybersecurity defense with OffSec's new Security Operations and Defensive Analysis (SOC-200) course designed for job roles such as Security Operations Center (SOC) Junior Analysts and Threat Hunters.

LEVEL	DURATION	EXPERIENCE	AVERAGE SALARY	LABS
Intermediate	**5 Days**	**None (TCP/IP, Linux & Windows, security basics recommended)**	**$119,860**	**Yes**

Course Overview

OffSec set the industry standard with Penetration Testing with Kali Linux (PWK) teaching students how to perform practical attacks against networks and systems. Now with SOC-200 we reveal the consequences of common attacks from a defensive perspective.

Students who complete the course and pass the associated exam earn the Offensive Security Defense Analyst (OSDA) certification, demonstrating their ability to detect and assess security incidents.

- Students will get hands on experience investigating malicious activity
- Students will learn about attack surfaces and how they can be reduced
- Students will develop a working knowledge of security operations and best practices

Course Outline

- **Lesson 1: Attacker Methodology**
- **Lesson 2: Windows Endpoint Introduction**
- **Lesson 3: Windows Server Side Attacks**
- **Lesson 4: Windows Client Side Attacks**
- **Lesson 5: Windows Privilege Escalation**
- **Lesson 6: Linux Endpoint Introduction**
- **Lesson 7: Linux Server-Side Attacks**
- **Lesson 8: Linux Privilege Escalation**
- **Lesson 9: Windows Persistence**
- **Lesson 10: Network Detections**

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- **Lesson 11: Antivirus Detections**
- **Lesson 12: Active Directory Enumeration**
- **Lesson 13: Network Evasion and Tunneling**
- **Lesson 14: Windows Lateral Movement**
- **Lesson 15: Active Directory Persistence**
- **Lesson 16: SIEM Part One: Intro to ELK**
- **Lesson 17: SIEM Part Two: Combining the Logs**

Intended Audience

Job roles like: Security Operations Center (SOC) Tier 1, Tier 2 and Tier 3 Analysts, Jr. roles in Threat Hunting and Threat Intelligence Analysts, Jr. roles in Digital Forensics and Incident Response (DFIR)

Anyone interested in detection and security operations, and/or committed to the defense or security of enterprise networks

Prerequisites

While there are no formal prerequisites, it's strongly recommended that you have:

- A solid foundation in TCP/IP networking
- Familiarity with Linux and Windows operating systems
- Basic understanding of cybersecurity concepts

All of the above can be found in our Security Operations Essentials Learning Path, available in Learn Enterprise, Learn Unlimited, Learn One, Learn Fundamentals or a Course & Certification Bundle.

Follow-On Courses

- Offensive Security Web Assessor (OSWA) (WEB-200)
- Offensive Security Penetration Testing with Kali Linux (PEN-200)

Features

Also available in On-Demand formats below:

- OffSec Learn One
- Learn One Package – $2,749
- 1 year of access to the course of your choice
- 2 exam attempts during your subscription
- 365 days of lab access
- Access to all 100-level content for 1 year
- 1 year of unlimited access to all fundamental content and OffSec curated Learning Paths

- PEN-103 + 1 KLCP exam attempt
- PEN-210 + 1 OSWP exam attempt
- Proving Grounds Practice labs
- Learn More
- OR
- Offsec Learn Unlimited
- Learn Unlimited Package – $6,099
- 1 year of access to unlimited course & content
- Unlimited exam attempts during your subscription
- 365 days of lab access
- 1 year of unlimited access to all fundamental content and OffSec curated Learning Paths
- Access to all 100-level content for 1 year
- PEN-103 + unlimited KLCP exam attempts
- PEN-210 + unlimited OSWP exam attempts
- Proving Grounds Practice labs
- 3 downloads of course material
- Learn More

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.