Security Operations Management Immersive

Managing Security for Zero Trust

DIVERGENCE ACADEMY

Duration

400 hours
20 weekends

Schedule

- **Weekends:** Sat-Sun, 8:00 AM – 6:00 PM CST

Certifications

- Certified Information Systems Security Professional (CISSP)
- Cybersecurity Maturity Model Certification (CMMC) Certified Assessor or CMMC Certified Professional

Contact Us

Divergence Academy
14665 Midway Rd, Ste. 220
Addison, TX 75001

(833) DIVERGE

hello@divergence.one

https://divergence.one

The Zero Trust model assumes breach and verifies each request as though it originates from an uncontrolled network instead of believing everything behind the corporate firewall is safe. Regardless of where the request originates or what resource it accesses, Zero Trust teaches users to "never trust, always verify".

In a Zero Trust model, every access request is strongly authenticated, authorized within policy constraints and inspected for anomalies before granting access. Everything from th user's identity to the application's hosting environment is used to prevent breach. Micro-segmentation and least privileged access principles are applied to minimize lateral movement. Finally, rich intelligence and analytics helps identify what happened, what was compromised, and how to prevent it from happening again.

The program will take you from validating deep technical and managerial knowledge and experience to effectively designing, engineering, and managing the overall security posture of an organization. Learn how to understand the framework of controls built into security solutions, the tools that enable organizations to fine-tune access policies, and control how users access corporate resources and how backend resources communicate.

At the end of the program, you will be able to measure five levels of cybersecurity maturity and align a set of processes and practices with the type and sensitivity of information to be protected and the associated range of threats.

Immersive Program

The program follows a Foundations, Acceleration, and Transition (FAT) Structure.A minimum of three modules with 120 hours each make up the learning framework.

Program Structure

Modules	Hours
Information Systems Security Management	**120**
Prep for Certified Information Systems Security Professional (CISSP) exam	
Monitor Zero Trust	**120**
Learn the guiding principles of Zero Trust: Verify explicitly, Use least privilege access, Assume breach	
Manage Cybersecurity Maturity Model Certification (CMMC) Compliance	**160**
Measure five levels of cybersecurity maturity through two weeks of handson project work	

DIVERGENCE ACADEMY

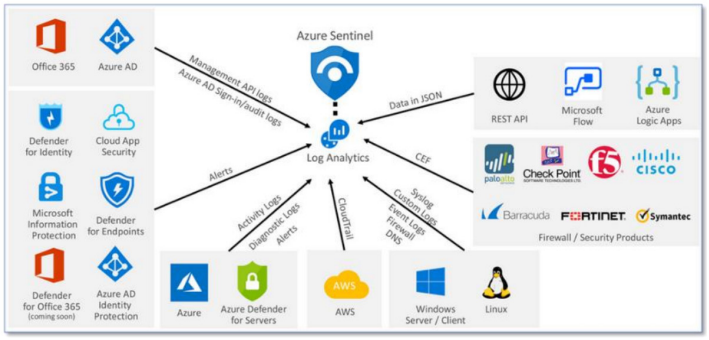
Cheshire Pathways

The program is aligned with the National Initiative for Cybersecurity Education (NICE) Framework. The NICE Framework provides a set of building blocks for describing the tasks, knowledge, and skills that are needed to perform cybersecurity work performed by individuals and teams. Through these building blocks, the NICE Framework enables learners to do several things:

1) Provide leadership, management, direction, development, and advocacy so the organization may effectively conduct cybersecurity work
2) Perform highly-specialized review and evaluation of incoming cybersecurity information to determine its usefulness for intelligence
3) Provide specialized denial and deception operations and collection of cybersecurity information that may be used to develop intelligence.

Support Services

- Learn how to design and tailor your resume, establish your LinkedIn profile using best in line industry tips and tricks, prep for interviews with one-on-one coaching sessions, and expand your professional network!
- Engage with peers and instructors in Study Group Channels on Microsoft Teams.
- Gain access to exam vouchers up to 180 days after program completion and up to 1 year to use them.



Collect data at cloud scale—across all users, devices, applications, and infrastructure—both on premises and in multiple clouds.

Security Risk Management Jobs

The hands-on learning alongside certification prepwork and the unbeatable support you will receive from instructors, staff, and peers builds confidence to apply for jobs as:

IT Security Engineer:
Often on the front line of protecting a company's assets from threats, their main focus is on quality control within the IT infrastructure. This includes designing, building, and defending scalable, secure, and robust systems; working on operational data center systems and networks; helping the organization understand advanced cyber threats; and helping to create strategies to protect those networks.

Information Assurance Analyst:
Conducts ongoing vulnerability management activities to assess potential threats, coordinates and leads technology staff in identifying and remediating system vulnerabilities, and works with IT to ensure appropriate procedures and process are in place for detecting and preventing system intrusions.

Security Systems Administrator:
Handles all aspects of information security and protects the virtual data resources of a company. Responsible for desktop, mobile, and network security and for installing, administering, and troubleshooting an organization's security solutions.

The Azure Sentinel CMMC Workbook provides a mechanism for viewing log queries aligned to CMMC controls across the Microsoft portfolio including Microsoft security offerings, Office 365, Teams, Intune, Windows Virtual Desktop, and many more.

This workbook enables Security Architects, Engineers, SecOps Analysts, Managers, and IT Pros to gain situational awareness visibility for the security posture of cloud workloads. There are also recommendations for selecting, designing, deploying, and configuring Microsoft offerings for alignment with respective CMMC requirements and practices.

Various Funding Options available for you to start this program today

Start Today With $0 Upfront

GI Bill®
GI Bill® is a registered trademark of the U.S. Department of Veterans Affairs (VA). More information about education benefits offered by the VA is available at the official U.S. government website.
For U.S. veterans, military spouses, and children of veterans.

Scholarships
Apply for programs, including our Women in Technology scholarship, that provide access to underrepresented communities in tech.

Loans
Apply for a loan from one of our high-quality lenders, Skills Fund Financing, for as low as $600 a month.

Installments
Divide tuition into three payments at $6,000 per installment.
Currently only available in select U.S. markets.

Other Funding Options
Contact Admissions at 833-DIVERGE for funding options you may be eligible for.