



Hosted by [Merit Network](#), the [Michigan Cyber Range](#) enables individuals and organizations to develop detection and reaction skills through simulations and exercises. The program offers students and IT professionals a full curriculum of meetings and workshops as well as critical cybersecurity training and awareness tools.

The Michigan Cyber Range is part of Governor Snyder's cyber initiative launched last fall to improve cybersecurity efforts to protect families, communities, businesses and government.

[Mile2®](#) is a proud partner with Merit Network, in this endeavor. With the implementation of the Mile2 cyber security curriculum and certifications, Merit Network offers the 'best of breed' training.

All Cyber Range classes are taught over a 4-5 day period via online/or classroom format; labs are included. Final certification exam are completed at the end of the class through an online testing process. Topics include the following:

The Certified Information Systems Security Officer training and certification program prepares and certifies individuals to analyze an organization's information security threats and risks, and design a security program to mitigate these risks.

The Certified Security Leadership Officer course is designed and taught for mid to C-level managers as well as any engineers who seek to increase their knowledge in the security arena.

The Certified Penetration Testing Engineer course presents information based on the 5 Key Elements of Pen Testing; Information Gathering, Scanning, Enumeration, Exploitation and Reporting. It is an intensive hands-on class that focuses on services, applications, and operating system vulnerabilities and exploits.

The Certified Penetration Testing Consultant course is designed for IT Security Professionals and IT Network Administrators who are interested in conducting Penetration tests against large network infrastructures similar to large corporate networks, Services Providers and Telecommunication Companies.

Certified Professional Ethical Hacker course presents information on the latest vulnerabilities and defenses. The IT professional will obtain real world security knowledge that will enable them to recognize vulnerabilities, expose system weaknesses and help safeguard against threats. Graduates will learn the art of Ethical Hacking, but with a professional edge.

Certified Disaster Recovery Engineer course prepares the IT Security Professional for industry certification in Business Continuity planning, and presenting the latest methodologies and best practices for real-world systems recovery.

Certified Digital Forensics Examiner course is designed to train Cyber Crime and Fraud Investigators whereby students are taught electronic discovery and advanced investigation techniques.

Certified Incident Handling Engineer course offers real world security knowledge that enables attendees to recognize vulnerabilities, exploit system weaknesses and help safeguard against threats. This is an intensive hands-on class that will entail 20 hours performing labs.

Certified Wireless Security Engineer course helps participants to be prepared to design, implement, and administer wireless technologies and associated security controls that are typical in today's wireless networks.

Certified Secure Web Application Engineer course is designed to equip attendees with the knowledge and hands on tools needed to identify and defend against security vulnerabilities in software applications.

Certified Secure Code Engineer course delivers a strong and in-depth view into fundamentals of software security and secure coding. Attendees will have learned how to identify security flaws early in the development process and how design and code to eliminate these flaws.

Certified Network Forensics Examiner will offer attendees an in-depth course that is continuously updated to maintain and incorporate changes in the security environment. This course offers hands on practice with proprietary labs that have been researched and developed by leading security professionals from around the world.

Certified Security Sentinel Training course is intended for anyone that uses a computer on the internet. Attendees will fully understand the security threats that attack daily and they will also understand the countermeasures associated with these attacks.