

Cyber Range Hub

TEACHING. TRAINING. TESTING.

Become the Cybersecurity Resource for Your Community

Your organization can tap into the resources of Merit Network’s Michigan Cyber Range and be a strategic cybersecurity resource for your community by becoming a Cyber Range Hub.

Your Cyber Range Hub will provide students and professionals with a wealth of practical experience and cybersecurity knowledge through **cybersecurity certification courses and training exercises**. Your hub will feature a private, secure broadband connection to Alphaville, the Michigan Cyber Range’s dynamic training and learning environment. Users can practice critical skills and learn new cybersecurity techniques in real time.

As a direct extension of the Michigan Cyber Range—a respected leader in cybersecurity—your Cyber Range Hub can provide **secure sandbox services** to businesses and organizations for software testing, training and other uses.

Cybersecurity Courses

Your Cyber Range Hub can offer a complete curriculum of cybersecurity courses to prepare attendees for certification tests from CompTIA, EC-Council, (ISC)² and Mile2. Each class is taught by an expert instructor with years of professional experience and is offered online or in person. Courses are based upon the National Institute of Standards and Technology’s National Initiative for Cybersecurity Education (NICE) Cybersecurity Workforce Framework. Certification course topics include:

Chief Information Security Officer	Cloud Security	Digital Forensics
Disaster Recovery	Ethical Hacking	Healthcare Information Security and Privacy
Incident Handling	Information Systems Security	IS20 Security Controls
Network Forensics	Network Security	Penetration Testing
Secure Web Application	Secure Software Lifecycle	Security Analyst
Security Leadership	Vulnerability Assessor	Wireless Security

For more about the available cybersecurity courses, please visit: merit.edu/available-courses

CERTIFICATION COURSES

The Michigan Cyber Range’s cybersecurity certification courses are developed by Mile2 and Cyber World Institute, two nationally recognized providers of cybersecurity classes.



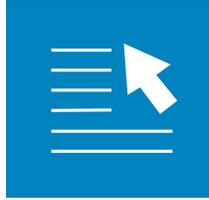
Cyber World Institute is a division of The Learning Center (TLC), a 30-year IT and cybersecurity certification training company partnered with CompTIA, Microsoft, ISC² and others.



Mile2 is a provider of vendor neutral professional certifications for the cybersecurity industry.

Secure Sandbox

Secure Sandbox provides users with a flexible, secure environment that can be used for cybersecurity education, exercises and software testing.



Users select pre-configured virtual machines to build their environments



Users can add custom VMs or build their own labs



Add Alphaville or Cyber Range labs for an additional fee



Users can provide training or conduct exercises with their sandbox



Users can securely test software against malware, viruses, etc.



Sandbox is isolated to ensure nothing effects local PCs or networks

Cybersecurity Exercises for Teams & Individuals

Cyber warriors, defenders and investigators can sharpen their cybersecurity skills through realistic exercises in the Alphaville training environment.

Your Cyber Range Hub's exercises will provide real-time challenges that can last a day or more, reinforcing skills, encouraging communication and building teamwork. Participants practice critical cybersecurity skills, such as penetration testing, incident response and forensic analysis.

Exercises improve the cyber readiness of your users and their organizations.



Available cybersecurity exercises include:

- Cyber Sentinel Incident Response
- Tabletop Exercises
- Capture the Flag
- Red vs. Red
- Red vs. Blue
- Training Camp
- Cyber Phoenix

Be the cybersecurity resource for your community. Become a Cyber Range Hub.

Email cyberrange@merit.edu to get started.