

WHAT IS A CYBER RANGE & WHY DOES YOUR ACADEMIC INSTITUTION NEED ONE?

LET'S START WITH 4 THINGS YOU SHOULD KNOW ABOUT CYBER RANGES

● CLOSED, VIRTUALIZED NETWORK

● INTERACTIVE, REALISTIC EMULATION
OF SYSTEMS AND DEVICES

● ALLOWS CYBERSECURITY STUDENTS
TO TRAIN & EVALUATE SKILLS
IN REAL-TIME

● ENABLES CYBERSECURITY STUDENTS
TO EMULATE A SCENARIO WHERE
A VULNERABILITY COMPROMISED
A SYSTEM

IT'S HIGH FIDELITY LEARNING USING FUNCTIONAL, VIRTUALIZED MACHINES

4 REASONS YOUR STUDENTS SHOULD TRAIN ON



PROJECT ARES®



Gamification

Cyber range-based, gamified learning platform Project Ares® prepares students to tackle real-world threats.

- Project Ares has a series of mini-games, battle rooms, and missions that help engage students in task completion—all while learning new techniques and strategies for defeating modern-day attacks.
- By combining interactivity and machine learning with the motivation that gamification provides, students enjoy learning and have a record of progress and growth.



Scale

Compose student teams of any size with access to learning exercises 24x7.

- On-demand learning for individual skill-building up to full-scale red team and blue team missions.
- Cybersecurity students can collaborate and learn from multiple simultaneous locations, from anywhere they have an internet connection.
- Your student's group can increase the size and fidelity of their respective environments without a significant increase in cost.



Repetition

Cybersecurity students will be better prepared to enter the cyber workforce with a holistic understanding of offense and defense techniques.

- Apply the principles of active learning through hands-on interaction and repetition, which increases retention rates to 75% (Training Industry Magazine)
- The only solution that provides real-time scenarios that are delivered on an HTML5 compliant platform in a web browser.
- Students are minutes from a training event that can be repeated over and over for new learning and skill-building opportunities.



Authenticity

Students experience realistic cybersecurity activities that they would address in the actual workforce.

- True-to-life representation of network, host traffic, and user activity.
- Replication of actual threats in a virtualized environment.
- Create missions with our mission builder to emulate real networks.



-CYBER RANGES-

ARE ONLY THE BEGINNING OF MODERNIZING
YOUR CYBERSECURITY LEARNING APPROACH.

LEARN MORE ABOUT HOW YOU CAN BRING
PROJECT ARES TO YOUR INSTITUTION