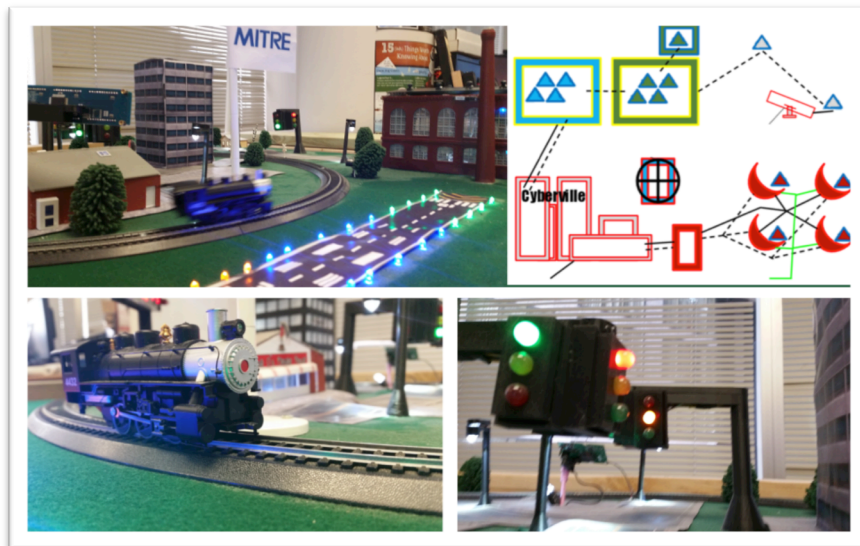# MITRE Cyber Challenge 2015
New for 2015 - Enhanced Capture the Flag Challenges and Gameplay

CORE CYBER FUNDAMENTALS

The core challenges test the competitors' knowledge of web technologies, binary exploitation, cryptography, networking, and digital forensics.

CYBERVILLE

The Cyberville challenges place the competitors in an IP - enabled model city where they must use their core cyber security skills to gain access to parts of city infrastructure.

ATTACK AND DEFEND

Competitors participating in the Attack and Defend challenges enter a sandboxed environment where rich networking and OS-based vulnerabilities are the main attack vector.

SPACE

Star Wars themed challenges emulate cyber vulnerabilities in space communications to demonstrate to competitors the cyber security measures that are needed to protect these systems.

MOBILE

These challenges test a competitor's skills of mobile application security through the process of building defenses into vulnerable apps in order to protect against attackers.

WHO:
High School and Undergraduate College Students

WHEN:
Sept. 11, 3-11pm EST
Sept. 12, 7am-11pm EST

WHERE:
Everywhere across the internet in the United States.

Learn:
Fundamental cyber knowledge by using online resources from (ISC)²®.

Understand:
Binary exploitation, Web exploitation, forensics, cryptography, and so much more!

Practice:
Using Web resources and training challenges powered by the MTIRE Cyber Academy™.

Compete:
Against students in high school and undergraduate universities across the nation.

Win:
College scholarships, SSCP® Exam vouchers, priority consideration for a cyber internship, and other prizes.

(ISC)² FOUNDATION
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