To win, students must keep a mock business running... while fending off constant cyberattacks.

Competing Across the Nation

**Tournament Timeline**

**Job Demand Growth**

1 million unfilled cybersecurity expert positions by 2016

**Qualifying Tryouts**

For collegiate team

State and Virtual Qualifiers advance to Regionals

NSA/DHS Certified as National Centers of Academic Excellence in Information Assurance/Cyber Defense

**SOFTWARE:**

Programming, data analysis

**INFORMATION TECHNOLOGY:**

Server administration, engineering, technical support and knowledge management

**CYBERSECURITY:**

Information assurance, information security, network defense and certified ethical hacking

**NETWORK DEFENSE:**

Auditing, incident response, and infrastructure support

• Computer/Digital Forensics
• Computer Engineering
• Computer/Management Information Systems
• Computer Science
• Cybersecurity
• Information Assurance
• Information Technology
• Network Management
• Software Engineering

**Cybersecurity Careers: Common Degrees**

Common Degree

Colleges and Universities

**NCCDC HELPS STRENGTHEN THE FUTURE CYBER WORKFORCE, WITH HANDS-ON EXPERIENCE NOT FOUND IN THE CLASSROOM.**

**Raytheon-Commissioned Survey**

Growing interest in cyber careers among U.S. Millennial Generation

Not aware of cybersecurity tasks and responsibilities

More likely to consider a career making the Internet safer and more secure

38%

63%

“Cyber threats targeting the private sector, critical infrastructure and the federal government demonstrate that no sector, network or system is immune to infiltration by those seeking to steal commercial or government secrets and perpetrate malicious and disruptive activity.”

White House Fiscal Year 2016 Budget

White House Seeks $14 Billion For U.S. Cybersecurity

Pentagon Requests $5.5 Billion For Cybersecurity

**CYBER DEFENDER SKILLS**

6 SKILLS

- Communication
- Leadership
- Risk Assessment
- Incident Response
- Crisis Management
- Ethical Hacking

**Boosting Budgets To Protect Our Nation Against Cyber Attacks**

**Cybersecurity JOBS**

2010-2020

65,700 New Cybersecurity Jobs

**NCDC**

NATIONAL COLLEGIATE CYBER DEFENSE COMPETITION (NCCDC)

IN PARTNERSHIP WITH RAYTHEON

APRIL 24–26, 2015

1 Burning Glass Technologies report

2 2014 Cisco Annual Security Report

3 www.defense.gov

4 www.reuters.com

5 The Raytheon-NCSA Millennial Survey was fielded by Zogby Analytics and included responses from 1,000 adults in the U.S. aged 18 to 26.

6 www.defensesystems.com

Copyright © 2015. Raytheon Company. All rights reserved.

"Customer Success Is Our Mission" is a registered trademark of Raytheon Company. Cleared for public release.