RX5 CORE GOALS

Strengthen U.S. National Security
Promote U.S. Economic Stability
Provide U.S. Cybersecurity & Workforce Training

Cultivate Opportunities for Veterans
Support Economic Development for Diverse Populations
Global Cybersecurity Skills Shortage

Role is in demand

$400 billion cost of cyber attacks on companies each year

Filling it is difficult

209,000+ cybersecurity jobs in the U.S. are unfilled

The ideal professional

89% of US consumers believe that cybersecurity professionals must have certifications.
RX5

Modules

• Computer Basics – Hardware, Software, Operating Systems
• Help Desk Support, Troubleshooting
• Incident Response
• Networking Fundamentals
• Advanced Networking
• Linux Fundamentals
• Linux System Administration
• Critical Thinking, Logical Reasoning and Structured Analytic Techniques
• Windows Internals and Command Line Interface
• Security Fundamentals
• Penetration Testing/Ethical Hacking
• Malware Analysis

Cyber Job Roles

• Intrusion Analyst
• Ethical Hacker/Penetration Tester
• Malware Analyst
• Systems Security Specialist
• SOC Technician
• Cyber Operations
• Cyber Developer

Program Participation

UMBC Cybersecurity Academy

Active Military Personnel

Open Enrollment

0 100 200 300 400 500 600 700

Active Military Personnel
Open Enrollment
UMBC Cybersecurity Academy

Organizations Served

• National Security Agency (NSA)
• U.S. Army – CERDEC, CIO/G6, INSCOM 704th Military Intelligence Brigade, 780th Military Intelligence Brigade – Fort Meade and Fort Gordon (GA)
• U.S. Navy - Information Operations Command (NAVIOCOM) – Fort Gordon
• U.S. Air Force - 659th Intelligence, Surveillance and Reconnaissance Group
• U.S. Marines – MARFORCE Cyber
• BAE Systems
• Northrop Grumman
• SAIC/Leidos
• Social Security Administration
• Institute for Defense Analyses

Certifications

• CompTIA A+
• CompTIA Network+
• CompTIA Security+
• Cisco Certified Network Administrator (CCNA)
• Certified Ethical Hacker (CEH)

Candidate Persona

• Robert Lutter
  • Veteran
  • Associates Degree
  • Police Officer
  • Recruited out of our program by NSA and industry
How Can You Help?

**Awareness**
- Public Agency
- Private Sector

**Fellowships**
- Experience Matters

**Sponsorship**

- **Assessment**
  - $5,000
  - Find Candidates
  - Assessment Costs

- **Training**
  - $17,000
  - Training Costs
  - Participant Stipends

- **Fellowship**
  - $4,000
  - Develop Fellowships
  - Participant Stipends

- **Job Candidacy**
  - $4,000
  - Provide Placement Services

- **Employment**
  - $2,000
  - Administration cost of running program