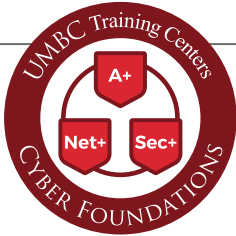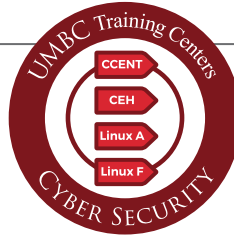# CYBERSECURITY
APPRENTICESHIP

Cyber Foundations

- **Computer Basics:**
  Hardware, Architecture
  Operating Systems
  Troubleshooting

- **TCP/IP & Networking**
  Fundamentals

- **Information Assurance**
  Fundamentals

PRE-APPRENTICESHIP

Cyber Security

- **Cisco Router and Switch**
  Configuration &
  Administration

- **Linux for Cyber Fundamentals**

- **Linux for Cyber System**
  Administration

- **Introduction to Ethical**
  Hacking Tools &
  Methodologies

Cyber Operations

- **Critical Thinking, Logical**
  Reasoning & Structured
  Analytic Techniques

- **Network & Packet Analysis**

- **Windows Internals &**
  Command Line Interface

- **Python Scripting**
  & Programming

- **Penetration Testing**
  Methodology &
  Malware Triage

APPRENTICESHIP EMPLOYMENT & TRAINING

PROGRAM OVERVIEW

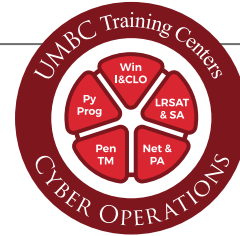**CCA/O** — CERTIFIED CYBER ANALYST / OPERATOR

UMBC Training Centers' registered Cybersecurity Apprenticeship is a 1 year paid apprenticeship employment paired with CCA/O classroom training.

This opportunity is competitive and open to all who meet the pre-apprenticeship requirements.

Earn wages while gaining knowledge, experience, and certifications.

GRANT & FUNDING OPTIONS AVAILABLE

To learn more about the CCA/O program and how to apply for an apprenticeship:

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