Cybersecurity
Maryland Community Colleges
Developing the Workforce

Kelly A. Koermer, J.D.
Dean of the School of Business, Computing & Technical Studies
Anne Arundel Community College
kkoermer@aacc.edu

CyberCenter Mission

To develop a highly knowledgeable, highly skilled cybersecurity workforce to support government and industry and meet employers' needs.

CAE2Y

Center of Academic Excellence in
Information Assurance 2-Year Education

Maryland Community College Participants in CyberWatch

- Anne Arundel Community College
- Baltimore City Community College
- Carroll Community College
- Cecil College
- Chesapeake College
- College of Southern Maryland

- Community College of Baltimore County
- Hagerstown Community College
- Harford Community College
- Howard Community College
- Montgomery College
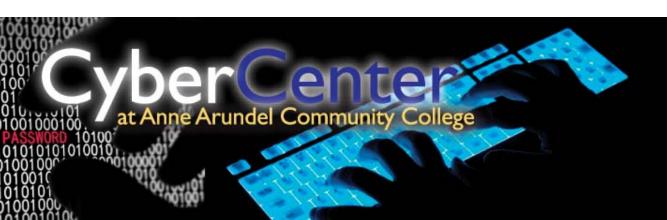- Prince George's Community College

Yellow = CAE2Y

Information & Cybersecurity A.A.S. & A.S. Degrees

Multiple Stackable Certificates

Non-Credit Continuing Education & Workforce Training

AACC Course(s)	Associated Industry Certification
CSI 260: Data Communications	CompTIA Network+
CSI 165: Network Security Fundamentals	CompTIA Security+
CSI 157, 158, 257, and 258: Networking 1-4	CISCO Certified Network Associate (CCNA)
CSI 217: Tactical Perimeter Defense	SCP Security Certified Network Specialist (SCNS)
CSI 219: Strategic Infrastructure Security	SCP Security Certified Network Professional (SCNP)
CSI 265: Windows Server	Microsoft MCSA 70-290
CSI 266: Windows Networking	Microsoft MCSA 70-291
CSI 269: Wireless LANs	Certified Wireless Network Administrator (CWNA)
CSI 270: Information Security Capstone	ISC^2 Certified Information System Security Professional (CISSP)
CSI 298: Certified Ethical Hacking & Countermeasures	EC-Council Certified Ethical Hacker (CEH)

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ADVANCED TRAINING/CYBERSECURITY
Certified Information Systems Security Professional (CISSP)
Certified Ethical Hacker (CEH)
Security Certified Network Professional (SCNP)
Security Certified Network Architect (SCNA)
Security +

ADVANCED TRAINING/DIGITAL FORENSICS
Certified Computer Examiner (CCE)

ADVANCED TRAINING/NETWORKING
Cisco Certified Network Associate (CCNA)
Microsoft Certified Systems Administrator (MCSA Exam 70-290)
Microsoft Certified Systems Administrator (MCSA Exam 70-291)

INTRODUCTORY TRAINING
A+ Certification
Microsoft Certified Application Specialist (MCAS)
Internet & Computing Core Certification (IC3)

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Cybersecurity Instructors

- Full time or adjunct AACC faculty

- Highly qualified & experienced

- Required to hold an advanced degree and/or appropriate industry certifications (CISSP, CEH, CISM)

- Practitioners in the field

- Continual Professional Development

Delivery Modalities

Traditional: face-to-face classroom and labs
On client site or mutually agreed-upon location

Hybrid: face-to-face & online components

Online: synchronous or asynchronous delivery

FREE INCUMBENT WORKER TRAINING

Tuition & Fees
Textbooks
Certification Fees

Program Qualifications
The following qualifications must be met in order to qualify for the program:

1. Employer must be registered to do business in the State of Maryland & participants must work in Maryland; and
2. Participants must provide proof of identification and citizenship or proof of eligibility to work in the United States

Incumbent Program Guidelines:
After completion of training, participating employees must attain one of the following program outcomes:

1. Shift to new job duties utilizing their new skill set,
2. Gain a new job title due to their new skill, **or**
3. Receive an increase in compensation

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To **EXPAND** capacity and keep up with demand, colleges **NEED**:

1. FUNDING for Physical Infrastructure
2. FUNDING to Hire <u>Qualified</u> Faculty
3. Security Clearance Processes for Students
4. Expand Acceptable Credentials for Workers Under Federal Contracts