Cybersecurity Certificate Programs
Maryland Workforce Outlook Forum
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Homer Minnick, Director, Cybersecurity Academy, UMBC Training Centers
About UMBC Training Centers

• Instructor-led Cybersecurity training
• Official Red Hat Training Provider
• Official Hortonworks Training Provider
• CompTIA Training Provider
• Project Management Institute (PMI) Training Provider
• Microsoft IT Academy
• Oracle Workforce Development Program
• EC-Council Authorized Training Center
• Pearson VUE Authorized Test Center
Corporations & Government Agencies

- Group Training – train a group of students at our location or yours
- Open Enrollment Training – send students to our regularly scheduled courses
- Enterprise Training Partnership – discounts for employees who take our open enrollment courses
- Mobile Training Lab for on-site or remote classes
- Skills Assessment and Training Plans
- Custom Courses and Training Programs
- Platform, Live Online, Asynchronous Online, Blended
Funding Options & Discounts

- Credit Card (Individual or Corporate)
- UMBC TC Payment Plans
- Workforce Investment & Opportunity Act Funding
- GI Bill, Vocational Rehab
- Sallie Mae Private Training Loans
- Corporate or Government Purchase Order
- Tuition Reimbursement Plans
- GSA Schedule
- Multi-student or Multi-course Discounts
- Early Registration Discount (10%)
Partnerships

- CyberWorks
  - MD EARN Grant
  - Provide workplace readiness training and instruction in critical thinking, situational awareness, risk assessment and ethics

- Maryland Tech Connection
  - US DOL Ready 2 Work Grant
  - Provide technical skills training in IT and cybersecurity technologies

- RX5
  - Public Private Partnership
  - Public Grants and Philanthropic Support
  - Will provide full range of training to retool workers into cybersecurity positions
Entry Level IT / Cyber Training

- Certificate in Cyber Foundations
  - Prepares for entry-level IT or Cybersecurity jobs
  - CompTIA A+, Network+, Security+ Certification Courses
  - 18 weeks (evening) or 18 days (bootcamp)
  - Public, evening offering starts ~ every 3 months (next one starts May 2)
  - Live online offering starts August 8
Certificate in Cyber Security
- Prepares for mid-level IT or Cybersecurity jobs
- Cisco Certified Network Administrator (CCNA)
- Red Hat Command Line System Admin (RH190)
- EC-Council Certified Ethical Hacker (CEH)
- Linux for Ethical Hackers
- 19 weeks (evening) or 19 days (bootcamp)
- Public, evening offering ~ every 3 months (July 12)
- Daytime offering starts July 11
Cyber Operations

- Certificate in Cyber Operations
  - Critical Thinking
  - Python Programming and Scripting
  - Windows Internals and Command Line
  - Network and Packet Analysis
  - Penetration Testing Methodology
  - Network Security Monitoring
Cyber Operations

• Certificate in Cyber Operations
  – Prepares for Penetration Testing, System Security, Vulnerability Assessment, or Intrusion Analysis Positions
  – Prerequisites: Cyber Foundations and Cybersecurity Certificate Programs
  – 20 weeks (evening) or 20 days (bootcamp)
  – Public, evening offering ~ early 2017
Software Development Courses

- C, C++, C#/.NET, Perl, Python, Ruby, Assembly Programming
- Java Programming / Java EE Development
- Full Stack Web Developer (HTML5, CSS, JavaScript, Frameworks)
- Secure Programming, CSSLP
- MySQL and PostgreSQL
- Software and Systems Engineering
- R and SAS Programming (Statistics)
- Scala Programming
- Web Services Development
- Development with MongoDB and Accumulo
- Cloud and DevOps Development
Contact Information

• UMBC TC:
  – Phone: (443) 692-6600
  – www.umbctraining.com
  – 6996 Columbia Gateway Drive
  – Columbia, MD 21046

• Courses & Programs:
  – Cyber: http://umbc.tc/cyber
  – IT: http://umbc.tc/it
  – Big Data Courses: http://umbc.tc/data
  – Cloud and DevOps: http://umbc.tc/cloud

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