INFORMATION TECHNOLOGY

CYBERSECURITY

Program Description
Eastern Iowa Community Colleges provides specialized concentrations in Information Technology: Augmented and Virtual Reality, Cybersecurity, Networking for Systems and Security, Programming, and Web Development. Career opportunities will continue to grow as businesses increasingly need help managing, upgrading, customizing, and securing more complex computer systems.

Partners
Partnerships with several companies offer our IT students current curriculum and certification support. We are a Cisco Networking Academy, Amazon Web Services Academy, and a Microsoft Imagine Academy. Partnerships with Pearson, CompTIA, EC-Council and Certiport provide on-site certification capabilities.

Certifications
Our curriculum is mapped to certifications; and we provide tools such as practice exams and a testing center to make getting one or more industry-standard certifications while taking classes a seamless integration into your coursework. This includes certifications from CompTIA, Microsoft, Cisco, Amazon Web Services and EC-Council.

Award Options
Cybersecurity, Associate of Applied Science Degree
Networking for Cybersecurity, Diploma
Cybersecurity, Certificate

Non-discrimination Statement / Equal Educational Opportunities
It is the policy of Eastern Iowa Community College District not to discriminate in its programs, activities, or employment on the basis of race, color, national origin, sex, disability, age, sexual orientation, gender identity, creed, religion, and actual or potential family, parental or marital status, as required by the Iowa Code §§ 216.6 and 216.9, Titles VI and VII of the Civil Rights Act of 1964 (42 U.S.C. §§ 2000d and 2000e), the Equal Pay Act of 1973 (29 U.S.C. § 206, et seq.), Title IX (Educational Amendments, 20 U.S.C. §§ 1681–1688), Section 504 (Rehabilitation Act of 1973, 29 U.S.C. § 794), and Title II of the Americans with Disabilities Act (42 U.S.C. § 12101, et seq.).

If you have questions or complaints related to compliance with this policy, please contact Debora J. Sullivan, Equal Employment Opportunity Officer/Equity Coordinator, Eastern Iowa Community College District, 101 West Third Street, Davenport, Iowa 52801, 563-336-3487, djullivan@eicc.edu or the Director of the Office for Civil Rights U.S. Department of Education, John C. Kluczynski Federal Building, 230 S. Dearborn Street, 37th Floor, Chicago, IL 60604-7204, Telephone: (312) 730-1560 Facsimile: (312) 730-1576, TDD (800) 877-8339 Email OCR.Chicago@ed.gov.
INFORMATION TECHNOLOGY
CYBERSECURITY

Cybersecurity, AAS Degree

TERM 1
BUS-167 Leadership and Professionalism 1.00
NET-159 Cisco Packet Tracer 1.00
NET-167 Computer Systems and Troubleshooting 4.00
NET-198 Networking I 5.00
NET-303 Windows Workstation Operating Systems 3.00
NET-679 TCP/IP and Subnetting 1.00
NET-785 Fundamentals of Desktop Support 3.00
18.00

TERM 2
BUS-168 Leadership and Professionalism II 1.00
CIS-189 Python 3.00
ENG-105 Composition I OR 3.00
ENG-107 Composition I: Technical Writing 3.00
NET-298 Networking II 5.00
NET-305 Introduction to Network Operating Systems 3.00
NET-420 Introduction to Linux OS 3.00
18.00

TERM 3
CFR-100 Introduction to Computer Forensics 3.00
CIS-750 Project Management 3.00
NET-474 Certification Preparation 1.00
NET-612 Fundamentals of Network Security 3.00
NET-619 Network Attacks: Detection, Analysis & Countermeasures 3.00
NET-635 Ethical Hacking 3.00
16.00

TERM 4
CSC-110 Introduction to Computers 3.00
PHI-105 Introduction to Ethics OR 3.00
HUM-183 Living with Space, Time and Technology OR 3.00
HUM-110 Changes and Choices OR 3.00
PHI-110 Introduction to Logic 3.00
MAT-110 Math for Liberal Arts 3.00
NET-932 Internship OR 3.00
NET-860 Information Technology Specialist Capstone OR 3.00
PSY-111 Introduction to Psychology OR 3.00
SOC-110 Introduction to Sociology 3.00
25.00

Cybersecurity, AAS Total ................................................................. 67.00

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www.eicc.edu
# Networking for Cybersecurity, Diploma

<table>
<thead>
<tr>
<th>TERM 1</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BUS-167 Leadership and Professionalism</td>
<td>1.00</td>
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<tr>
<td>NET-159 Cisco Packet Tracer</td>
<td>1.00</td>
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<tr>
<td>NET-167 Computer Systems and Troubleshooting</td>
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<tr>
<td>NET-198 Networking I</td>
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<td>NET-303 Windows Workstation Operating Systems</td>
<td>3.00</td>
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<tr>
<td>NET-679 TCP/IP and Subnetting</td>
<td>1.00</td>
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<tr>
<td>NET-785 Fundamentals of Desktop Support</td>
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**Total for TERM 1**: 18.00

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<tr>
<th>TERM 2</th>
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<tr>
<td>CIS-189 Python</td>
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<tr>
<td>ENG-105 Composition I OR ENG-107 Composition I: Technical Writing</td>
<td>3.00</td>
</tr>
<tr>
<td>NET-298 Networking II</td>
<td>5.00</td>
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<tr>
<td>NET-305 Introduction to Network Operating Systems</td>
<td>3.00</td>
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<tr>
<td>NET-420 Introduction to Linux OS</td>
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**Total for TERM 2**: 17.00

**Networking for Cybersecurity, Diploma Total**: 35.00

# Cybersecurity, Certificate

**PREREQUISITE COURSE**

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<td>NET-305 Introduction to Network Operating Systems</td>
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**TERM 1**

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<tr>
<td>CFR-100 Introduction to Computer Forensics</td>
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<tr>
<td>NET-474 Certification Preparation</td>
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<td>NET-612 Fundamentals of Network Security</td>
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<tr>
<td>NET-619 Network Attacks: Detection, Analysis &amp; Countermeasures</td>
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<tr>
<td>NET-635 Ethical Hacking</td>
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**Total for TERM 1**: 13.00

**Cybersecurity, Certificate Total**: 16.00