



3 YEAR COMPLETION PLAN
10-151-2 INFORMATION TECHNOLOGY - CYBERSECURITY SPECIALIST
2019-20 PROGRAM CURRICULUM CHECKLIST
WISCONSIN INDIANHEAD TECHNICAL COLLEGE (WITC)
ASHLAND*, NEW RICHMOND, RICE LAKE, SUPERIOR*
 Full program available at the New Richmond or Rice Lake campus
 *Only first-year coursework available at the Ashland or Superior campus



Name/ID _____

Date _____

| CATALOG NUMBER | COURSE TITLE | HOURS PER WEEK | | CREDITS | | IT – NETWORK TECHNICIAN TECHNICAL DIPLOMA (30-150-4) | IT – CYBERSECURITY SPECIALIST ASSOCIATE DEGREE (Financial Aid Eligible) | DATE COM- PLETED | TRANSFER OR GRADE |
|--|--|----------------|----------------|---------|---------|--|--|---------------------|----------------------|
| | | | | | | | | | |
| FIRST TERM | | | | | | | | | |
| 10-150-139 | IT Essentials and Security | 3 | hours per week | 2 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-154-149 | Windows Operating Systems | 4 | hours per week | 3 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-804-123 or 10-804-113 or 10-804-133 | Math with Business Applications or College Technical Mathematics 1A or Mathematics and Logic | 3 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| | FIRST TERM TOTAL | | | | | 5 Credits IT-Network Technician | 8 Credits IT - Cybersecurity Specialist | | |
| SECOND TERM | | | | | | | | | |
| 10-150-117 | Server Administration 1 Prerequisite: 10-154-149 Windows Operating Systems | 4 | hours per week | 3 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-154-103 | Linux Operating Systems | 4 | hours per week | 3 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-801-136 | English Composition 1 | 3 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| | SECOND TERM TOTAL | | | | | 6 Credits IT-Network Technician | 9 Credits IT - Cybersecurity Specialist | | |

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.

Revised 8/04/2020



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| | | | | | | | | | |
| THIRD TERM | | | | | | | | | |
| 10-150-111 | Cisco CCNA 1 Introduction to Networks | 5 | hours per week | 3 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-150-102 | Information Security Prerequisite: 10-154-103 Linux Operating Systems | 4 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-801-196 or 10-801-198 | Oral/Interpersonal Communication or Speech | 3 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-809-198 | Introduction to Psychology | 3 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| THIRD TERM TOTAL | | | | | | 3 Credits IT-Network Technician | 12 Credits IT - Cybersecurity Specialist | | |
| FOURTH TERM | | | | | | | | | |
| 10-150-113 | Cisco CCNA 2 Routing and Switching Essentials Prerequisite: 10-150-111 Cisco CCNA 1 Introduction to Networks | 4 | hours per week | 3 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-150-170 | Coding with Python | 3 | hours per week | 2 | credits | IT - Network Technician | IT - Cybersecurity Specialist | | |
| 10-809-166 or 10-809-172 or 10-809-195 | Introduction to Ethics: Theory and Application or Introduction to Diversity Studies or Economics | 3 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| FOURTH TERM TOTAL | | | | | | 5 Credits IT-Network Technician | 8 Credits IT - Cybersecurity Specialist | | |

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|-----------------------------|--|----------------|----------------|---------|---------|--|--|----------------|-------------------|
| | | | | | | | | | |
| FIFTH TERM | | | | | | | | | |
| 10-150-109 | Wireless Networking and Security Prerequisite: 10-150-113 Cisco CCNA 2 Routing and Switching Essentials | 4 | | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-150-112 | Cisco CCNA 3 Enterprise Networking, Security and Automation <i>(Note: formerly titled Cisco CCNA 3 Scaling Networks-title modified effective fall 2021)</i> Prerequisite: 10150113 Cisco CCNA 2 Routing and Switching Essentials | 4 | | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-151-101 | Firewall and VPN Management Prerequisite: 10-150-113 Cisco CCNA 2 Routing and Switching Essentials | 4 | | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-151-102 | Digital Forensics and Incident Response Prerequisite: 10-154-103 Linux Operating Systems | 4 | | 2 | credits | | IT - Cybersecurity Specialist | | |
| FIFTH TERM TOTAL | | | | | | | 11 Credits IT - Cybersecurity Specialist | | |
| SIXTH TERM | | | | | | | | | |
| 10-151-106 | Networking Security Capstone Corequisite: 10-151-104 Intrusion Detection and Prevention, 10-151-105 Logging and Analysis | 3 | hours per week | 2 | credits | | IT - Cybersecurity Specialist | | |
| 10-150-161 | Network and Security Case Studies Prerequisite: 10-150-102 Information Security | 2 | hours per week | 1 | credit | | IT - Cybersecurity Specialist | | |
| 10-151-103 | Penetration Testing Prerequisite: 10-150-102 Information Security | 4 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-151-104 | Intrusion Detection and Prevention Prerequisite: 10-150-102 Information Security | 4 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-151-105 | Logging and Analysis Prerequisite: 10-150-102 Information Security | 4 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| 10-151-107 | Emerging Technologies in Cybersecurity <i>(Note: this course is the recognized substitution for the 10150114 Cisco CCNA 4 Connecting Networks course effective after the spring 2021 term)</i> Prerequisite: 10150112 Cisco CCNA 3 Enterprise Networking, Security and Automation | 4 | hours per week | 3 | credits | | IT - Cybersecurity Specialist | | |
| SIXTH TERM TOTAL | | | | | | | 15 Credits IT - Cybersecurity Specialist | | |
| PROGRAM REQUIREMENTS | | | | | | 19 Credits IT - Network Technician | 63 Credits IT - Cybersecurity Specialist | | |

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Please be advised that low enrollment class sections may be cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.

WITC GENERAL STUDIES COURSE OPTIONS FOR WITC ASSOCIATE DEGREE PROGRAMS

Co-enrollment in 99-831-900 Writing Essentials may be recommended in addition to English Composition 1.

Specific General Studies courses are scheduled as requirements for this program. If you have completed General Studies coursework at another Wisconsin technical college, please refer to the Acceptable Transfer Course document at the following link (find your program) to see if your previous coursework will transfer

<https://www.witc.edu/academic-programs/degree-programs-and-certificates/general-studies-courses/courses>

If you have completed General Studies coursework at WITC in a prior term, the same options will apply for your program requirements.

GRADUATION REQUIREMENTS: Although your academic advisor can provide guidance, you are ultimately responsible for selecting courses that meet a program's graduation requirements. If you do not take courses in the recommended sequence above, it may delay your completion of graduation requirements. A program plan grade point average (GPA) of 2.0 in a 4.0 grade system is required to graduate.

EARN CREDIT FOR WHAT YOU ALREADY KNOW: Visit <https://www.witc.edu/admissions/preparing-for-college/credit-for-prior-learning> for more information

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Revised 8/04/2020