



10-151-2 INFORMATION TECHNOLOGY - CYBERSECURITY SPECIALIST

2024-25 REQUIRED COURSES

NORTHWOOD TECHNICAL COLLEGE

ASHLAND*, NEW RICHMOND, RICE LAKE, SUPERIOR**

Full program available at the New Richmond, Rice Lake, and Superior campuses

***Only first-year coursework available at the Ashland campus**

**** via Hybrid instruction**



Name/ID _____

Date _____

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	IT – NETWORK TECHNICIAN DIPLOMA (30-150-4)	IT – CYBERSECURITY SPECIALIST ASSOCIATE DEGREE (Financial Aid Eligible)	NOTES	DATE COMPLETED	TRANSFER OR GRADE
FIRST TERM - Fall 2024								
10150111	Cisco CCNA 1 Introduction to Networks	5 hours per week	3 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10150139	IT Essentials and Security	3 hours per week	2 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10154149	Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10804123 or 10804113 or 10804133	Math with Business Applications or College Technical Mathematics 1A or Mathematics and Logic	3 hours per week	3 credits		IT - Cybersecurity Specialist			
10809198	Introduction to Psychology	3 hours per week	3 credits		IT - Cybersecurity Specialist			
	FIRST TERM TOTAL	18 hours per week		8 Credits IT-Network Technician	14 Credits IT - Cybersecurity Specialist			



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SECOND TERM - Spring 2025								
10150113	Cisco CCNA 2 Routing and Switching Essentials Prerequisite: 10150111 Cisco CCNA 1 Introduction to Networks	4 hours per week	3 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10150117	Server Administration 1 Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10150170	Coding with Python	3 hours per week	2 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10154103	Linux Operating Systems Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Cybersecurity Specialist			
10801136	English Composition 1	3 hours per week	3 credits		IT - Cybersecurity Specialist			
10809166 or 10809172 or 10809195	Introduction to Ethics: Theory and Application or Introduction to Diversity Studies or Economics	3 hours per week	3 credits		IT - Cybersecurity Specialist			
	SECOND TERM TOTAL	21 hours per week		11 Credits IT-Network Technician	17 Credits IT - Cybersecurity Specialist			

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THIRD TERM - Fall 2025								
10150102	Information Security Prerequisite: 10154103 Linux Operating Systems	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10150109	Wireless Networking and Security Prerequisite: 10150113 Cisco CCNA 2 Routing and Switching Essentials	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10151101	Firewall and VPN Management Prerequisite: 10150113 Cisco CCNA 2 Routing and Switching Essentials	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10150112	Cisco CCNA 3 Enterprise Networking, Security, and Automation Prereq: 10150113 Cisco CCNA 2 Routing and Switching Essentials	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10151102	Digital Forensics and Incident Response Prerequisite: 10154103 Linux Operating Systems	4 hours per week	2 credits		IT - Cybersecurity Specialist			
10801196 or 10801198	Oral/Interpersonal Communication or Speech	3 hours per week	3 credits		IT - Cybersecurity Specialist			
	THIRD TERM TOTAL	23 hours per week			17 Credits IT - Cybersecurity Specialist			



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FOURTH TERM - Spring 2026								
10151103	Penetration Testing Prerequisite: 10150102 Information Security	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10151104	Intrusion Detection and Prevention Prerequisite: 10150102 Information Security	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10151105	Threat Hunting Prerequisite: 10150102 Information Security and COREQUISITE: 10151104 Intrusion Detection and Prevention	4 hours per week	3 credits		IT - Cybersecurity Specialist			
10151106	Network Security Capstone PREREQUISITE: 10151101 Firewall and VPN Management and COREQUISITES: 10151104 Intrusion Detection and Prevention and 10151105 Threat Hunting	4 hours per week	2 credits		IT - Cybersecurity Specialist			
10151107	Emerging Technologies in Cybersecurity Prerequisite: 10150112 Cisco CCNA 3 Enterprise Networking, Security and Automation	4 hours per week	3 credits		IT - Cybersecurity Specialist			
	FOURTH TERM TOTAL	20 hours per week			14 Credits IT - Cybersecurity Specialist			
	TOTAL CREDITS			19 Credits IT - Network Technician	62 Credits IT - Cybersecurity Specialist			



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

NORTHWOOD TECH GENERAL EDUCATION COURSE OPTIONS FOR NORTHWOOD TECH ASSOCIATE DEGREE PROGRAMS

Co-enrollment in 99831900 Writing Essentials may be recommended in addition to English Composition 1.

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

[Acceptable Transfer Courses](#)

If you have completed General Education coursework at Northwood Tech in a prior term, the same options will apply for your program requirements. Pending Dean approval, technical diploma coursework (i.e. catalog number beginning with 30, 31, or 32) may also be allowed to meet General Education requirements. NOTE: Technical diploma level coursework may not transfer to a baccalaureate program.^

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 Credit for Prior Learning for more information](#)

If you have difficulty accessing this content or notice any accessibility problems, please contact the Northwood Tech Curriculum Office at

curriculum.office@NorthwoodTech.edu

or 715.752.8128. You will receive a response within 5 business days.

^If considering transferring into a baccalaureate program, please work with the Transfer Coordinator at the college you are interested in transferring to verify status, including if technical diploma level coursework will transfer and if it will transfer, how the credits will be brought in to your future degree.