



**10-154-7 INFORMATION TECHNOLOGY - SYSTEMS ADMINISTRATION SPECIALIST  
2024-25 REQUIRED COURSES  
NORTHWOOD TECHNICAL COLLEGE  
ASHLAND, NEW RICHMOND\*, RICE LAKE, SUPERIOR\***



Full program available at the Ashland and Rice Lake campuses.

\* First-year courses are held in-person at the New Richmond and Superior campuses.

After the first year, you can choose to complete the remaining coursework online or attend in-person classes at the Ashland or Rice Lake campuses.

Name/ID \_\_\_\_\_

Date \_\_\_\_\_

CATALOG NUMBER	COURSE TITLE	HOURS PER WEEK	CREDITS	IT – NETWORK TECHNICIAN TECHNICAL DIPLOMA (30-150-4)	IT – SYSTEMS ADMINISTRATION SPECIALIST ASSOCIATE DEGREE (Financial Aid Eligible)	DATE COMPLETED	TRANSFER OR GRADE
<b>FIRST TERM - Fall 2024</b>							
10150111	Cisco CCNA 1 Introduction to Networks	5 hours per week	3 credits	IT - Network Technician	IT - Systems Administration Specialist		
10150139	IT Essentials and Security	3 hours per week	2 credits	IT - Network Technician	IT - Systems Administration Specialist		
10154149	Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Systems Administration 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 - Systems Administration Specialist		
10809198	Introduction to Psychology	3 hours per week	3 credits		IT - Systems Administration Specialist		
	<b>FIRST TERM TOTAL</b>	18 hours per week		<b>8 Credits</b> IT - Network Technician	<b>14 Credits</b> IT - Systems Administration Specialist		

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<b>SECOND TERM - Spring 2025</b>							
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 - Systems Administration Specialist		
10150117	Server Administration 1 Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Systems Administration Specialist		
10150170	Coding with Python	3 hours per week	2 credits	IT - Network Technician	IT - Systems Administration Specialist		
10154103	Linux Operating Systems Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits	IT - Network Technician	IT - Systems Administration Specialist		
10801136	English Composition 1	3 hours per week	3 credits		IT - Systems Administration 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 - Systems Administration Specialist		
<b>SECOND TERM TOTAL</b>		21 hours per week		11 Credits IT - Network Technician	17 Credits IT - Systems Administration Specialist		
<b>THIRD TERM - Fall 2025</b>							
10150118	Server Administration 2 Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits		IT - Systems Administration Specialist		
10152100	Database Concepts and SQL	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154141	VMware Certified Professional Prerequisite: 10150113 Cisco CCNA 2 Routing and Switching Essentials	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154165	Introduction to System Center Prerequisite: 10150117 Server Administration 1	3 hours per week	2 credits		IT - Systems Administration Specialist		
10154166	Introduction to PowerShell Automation Prerequisite: 10150117 Server Administration 1	4 hours per week	3 credits		IT - Systems Administration Specialist		

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<b>THIRD TERM CONTINUED</b>							
10801196 or 10801198	Oral/Interpersonal Communication or Speech	3 hours per week	3 credits		IT - Systems Administration Specialist		
	<b>TERM TOTAL</b>	22 hours per week			<b>17 Credits</b> IT - Systems Administration Specialist		
<b>FOURTH TERM - Spring 2026</b>							
10154144	Ethical Hacking Prerequisites: 10150117 Server Administration 1 and 10154103 Linux Operating Systems	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154145	Database Administration Prerequisites: 10150117 Server Administration 1 and 10152100 Database Concepts and SQL	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154146	Cloud Computing Prerequisite: 10154141 VMware Certified Professional	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154147	Capstone Project PREREQUISITES: 10154141 VMware Certified Professional, 10150118 Server Administration 2, 10154103 Linux Operating Systems and 10154165 Introduction to System Center and Corequisite: 10154145 Database Administration	4 hours per week	2 credits		IT - Systems Administration Specialist		
10154148	IT Field Experience Corequisite: 10154147 Capstone Project	1 hour per week	1 credit		IT - Systems Administration Specialist		
	Elective Course		3 credits		IT - Systems Administration Specialist		
	<b>FOURTH TERM TOTAL</b>	16 hours per week			<b>15 Credits</b> IT - Systems Administration Specialist		
	<b>TOTAL CREDITS</b>			<b>19 Credits</b> IT - Network Technician	<b>63 Credits</b> IT - Systems Administration 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 Transfer Course 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.<sup>^</sup>

**ELECTIVE COURSES:** To meet the elective course requirements for this program, you will be required to take associate degree level coursework, i.e., catalog numbers beginning with a 10 (with the exception of General College courses 10831103, 10834109, 10835103, and 10838104). Pending program dean approval, technical diploma level coursework, i.e. catalog number beginning with 30, 31, or 32, may also be allowed to meet elective credit requirements for this program. NOTE: Technical diploma level coursework may not transfer to a baccalaureate program.<sup>^</sup>

**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 GPA of 2.0 in a 4.0 grade system is required to graduate.*

A grade point of 2.0 or better is needed in all required courses.

**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](mailto:curriculum.office@NorthwoodTech.edu)

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

<sup>^</sup>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.