



**3-YEAR COMPLETION PLAN**  
**10-154-7 INFORMATION TECHNOLOGY - SYSTEMS ADMINISTRATION SPECIALIST**  
**2021-22 PROGRAM CURRICULUM CHECKLIST**  
**NORTHWOOD TECHNICAL COLLEGE**



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

Full program available via On Site or Hybrid instruction at the Ashland or Rice Lake campus

\*Only first year coursework fully available at the New Richmond campus.

Second year coursework is available at other campus locations or through a combination of Online, Hybrid, or On Site instruction at the New Richmond campus

\*\* Full program available at the Superior campus via Hybrid instruction

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</b>							
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 College Technical Mathematics 1A or Mathematics and Logic	3 hours per week	3 credits		IT - Systems Administration Specialist		
<b>FIRST TERM TOTAL</b>				5 Credits IT - Network Technician	8 Credits IT - Systems Administration Specialist		
<b>SECOND TERM</b>							
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 10154149 Windows Operating Systems Prerequisite:	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		
<b>SECOND TERM TOTAL</b>				8 Credits IT - Network Technician	11 Credits IT - Systems Administration Specialist		



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<b>THIRD TERM</b>							
10150111	Cisco CCNA 1 Introduction to Networks	5 hours per week	3 credits	IT - Network Technician	IT - Systems Administration Specialist		
10150118	Server Administration 2 Prerequisite: 10154149 Windows Operating Systems	4 hours per week	3 credits		IT - Systems Administration Specialist		
10801196 or 10801198	Oral/Interpersonal Communication or Speech	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>THIRD TERM TOTAL</b>			3 Credits IT - Network Technician	12 Credits IT - Systems Administration Specialist		
<b>FOURTH TERM</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		
10154144	Ethical Hacking Prerequisites: 10150117 Server Administration 1 and 10154103 Linux Operating Systems	4 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>FOURTH TERM TOTAL</b>			3 Credits IT - Network Technician	9 Credits IT - Systems Administration Specialist		



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<b>FIFTH TERM</b>							
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		
	<b>FIFTH TERM TOTAL</b>				11 Credits IT - Systems Administration Specialist		



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<b>SIXTH TERM</b>							
10154145	Database Administration Prerequisites: 10150118 Server Administration 2 and 10152100 Database Concepts and SQL (FYI: The prerequisite will be changing Fall 2023 to 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 Corequisite: 10154146 Cloud Computing (FYI: The prerequisite/corequisite will be changing Fall 2023 to PREREQUISITES: 10154141 VMware Certified Professional, 10150118 Server Administration 2, 10154103 Linux Operating Systems and 10154165 Introduction to System Center and COREQUISITES: 10154145 Database Administration)	4 hours per week	2 credits		IT - Systems Administration Specialist		
10154148	IT Field Experience Corequisite: 10154146 Cloud Computing (FYI: The prerequisite/corequisite will be changing Fall 2023 to PREREQUISITES: 10154141 VMware Certified Professional, 10150118 Server Administration 2, 10154103 Linux Operating Systems and 10154165 Introduction to System Center and COREQUISITES: 10154145 Database Administration)	1 hour per week	1 credit		IT - Systems Administration Specialist		
	Elective		3 credits		IT - Systems Administration Specialist		
	<b>SIXTH TERM TOTAL</b>				12 Credits IT - Systems Administration Specialist		
	<b>PROGRAM REQUIREMENTS</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 cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.

*NORTHWOOD TECH GENERAL STUDIES 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 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.NorthwoodTech.edu/academic-programs/degree-programs-and-certificates/general-studies-courses/courses>

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

**ELECTIVE REQUIREMENTS:** To meet the elective credit 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).

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

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