



10-154-7 Information Technology - Systems Administration Specialist
2026-27 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
	First Term - Fall 2026						
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		
10804133 or 10804113 or 10804123	Mathematics and Logic (recommended) or College Technical Mathematics 1A or Math with Business Applications	3 hours per week	3 credits		IT - Systems Administration Specialist		
10809198	Introduction to Psychology	3 hours per week	3 credits		IT - Systems Administration Specialist		
	First Term Total	18 hours per week		8 Credits IT - Network Technician	14 Credits IT - Systems Administration Specialist		

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
Second Term - Spring 2027							
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		
	Second Term Total	21 hours per week		11 Credits IT - Network Technician	17 Credits IT - Systems Administration Specialist		
Third Term - Fall 2027							
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		
10154152	Enterprise Virtualization Prerequisites: 10154103 Linux Operating Systems, 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		
10801196 or 10801198	Oral/Interpersonal Communication or Speech	3 hours per week	3 credits		IT - Systems Administration Specialist		
	Third Term Total	22 hours per week			17 Credits IT - Systems Administration Specialist		

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Fourth Term - Spring 2028							
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: 10154152 Enterprise Virtualization	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154147	Capstone Project Prerequisites: 10154152 Enterprise Virtualization, 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		
	Fourth Term Total	16 hours per week			15 Credits IT - Systems Administration Specialist		
	Total Credits			19 Credits IT - Network Technician	63 Credits IT - Systems Administration Specialist		



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*Hours per week represents periods of instruction and/or work-based learning hours per week (class hours). Additional time may be required outside of class to complete assignments. For more details on what you can expect outside of class, please see the "Expectations Outside of the Classroom" section of the Student Handbook.

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.^

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.^

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.*

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.