



**10-154-7 INFORMATION TECHNOLOGY - SYSTEMS ADMINISTRATION SPECIALIST
2023-24 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 |
|--|--|-------------------|-----------|--|--|----------------|-------------------|
| FIRST TERM - Fall 2023 | | | | | | | |
| 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 | | |
| | FIRST TERM TOTAL | 18 hours per week | | 8 Credits IT - Network Technician | 14 Credits IT - Systems Administration Specialist | | |



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|--|---|-------------------|-----------|--|--|----------------|-------------------|
| SECOND TERM - Spring 2024 | | | | | | | |
| 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 2024 | | | | | | | |
| 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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|----------------------------------|--|-------------------|-----------|--|--|----------------|-------------------|
| THIRD TERM CONTINUED | | | | | | | |
| 10801196 or 10801198 | Oral/Interpersonal Communication or Speech | 3 hours per week | 3 credits | | IT - Systems Administration Specialist | | |
| | TERM TOTAL | 22 hours per week | | | 17 Credits IT - Systems Administration Specialist | | |
| FOURTH TERM - Spring 2025 | | | | | | | |
| 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 | | 3 credits | | IT - Systems Administration Specialist | | |
| | FOURTH TERM TOTAL | 16 hours per week | | | 15 Credits IT - Systems Administration Specialist | | |
| | PROGRAM REQUIREMENTS | | | 19 Credits IT - Network Technician | 63 Credits 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 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

[Acceptable Transfer Courses](#)

If you have completed General Studies 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 studies requirements. NOTE: Technical diploma level coursework may not transfer to a baccalaureate program.[^]

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).

Effective fall 2022, 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 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.