10-154-7 INFORMATION TECHNOLOGY - SYSTEMS ADMINISTRATION SPECIALIST
2020-21 PROGRAM CURRICULUM CHECKLIST
NORTHWOOD TECHNICAL COLLEGE
ASHLAND, NEW RICHMOND*, RICE LAKE, SUPERIOR*
Full program available at the Ashland or Rice Lake campus
*Only first year coursework available at the New Richmond or Superior campus.
Second - year coursework available at the other campus locations or may be remotely offered online

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 COM-PLETED	TRANSFER OR GRADE
	FIRST TERM						
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		

All prerequisite/corequisite courses must be completed with a grade point of 2.0 or better.   Revised 1/22/2020

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	SECOND TERM						
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	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						
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						
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: 10150118 Server Administration 2 and 10152100 Database Concepts and SQL	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154146	Cloud Computing Prerequisite: 10154141 WMware Certified Professional	4 hours per week	3 credits		IT - Systems Administration Specialist		
10154147	Capstone Project Corequisite: 10154146 Cloud Computing	4 hours per week	2 credits		IT - Systems Administration Specialist		
10154148	IT Field Experience Corequisite: 10154146 Cloud Computing	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 cancelled. You will be contacted by Student Services with information on other class sections available in alternate formats.

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

required to graduate.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 https://www.NorthwoodTech.edu/admissions/preparing-for-college/credit-for-prior-learning for more information