

## IT – Network Specialist (10-150-2)

Associate of Applied Science

**Effective 2026/2027**

*The course sequence shown on this sheet is the recommended path to completion. Courses will be scheduled in the terms indicated here. All courses should be taken in the order shown to help you stay on track and graduate according to your academic plan. Courses in this program may be offered in a variety or combination of formats (for example: in-person, video conferencing, online, etc.). More detailed scheduling information for this program can be found at <https://www.gtc.edu/network-specialist>. Please see your academic advisor for additional information.*

**R-D = Racine/days, O = Online, F=Fall, S=Spring, SU=Summer**

Term	Course Number	Credits	Course Title	Requisites (prereq-before/ coreq-with)	Notes	R-D	O
1	890-155	1	Gateway to Success (G2S)		• Students are required to take this course in their first semester of enrollment. Please see an advisor for details.	F	F
1	*150-152	3	IT Tech Skills			F	F
1	*150-194	3	Network Security			F	F
1	804-134	3	Mathematical Reasoning	Prereq: 854-760	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	F	F
2	*150-153	3	Net Admin MS Server 2022	Coreq: 150-114	• Faculty have identified this milestone course as providing a strong foundation for success throughout the program.	S	S
2	*150-114	3	Network Concepts–CCNA 1	Coreq: 804-134 OR 804-135	• Faculty have identified this milestone course as providing a strong foundation for success throughout the program.	S	S
2	*154-114	3	Hardware/Software Support	Coreq: 150-152 OR 107-193		S	S
3	*150-154	3	Network Admin MS Azure Administrator	Prereq: 150-119 OR 150-153		SU	SU
3	*150-124	3	Routing – CCNA 2	Prereq: 150-114		SU	SU
3	801-136	3	English Composition 1	Prereq: 831-103 OR 851-757	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	SU	SU
4	*150-150	3	Red Hat Enterprise Linux I	Prereq: 150-119 OR 150-153 Coreq: 801-136		F	F
4	*150-183	3	Virtual Technologies	Coreq: 150-150		F	F

(\*) Students must achieve a minimum of 2.0 ("C") or above for this major course to meet graduation requirements.

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Term	Course Number	Credits	Course Title	Requisites (prereq-before/ coreq-with)	Notes	R-D	O
5	*150-149	3	Enterprise Networking CCNA3	Prereq: 150-124		S	S
5	*150-151	3	Red Hat Enterprise Linux II	Prereq: 150-150		S	S
5	801-198	3	Speech			S	S
6	809-198	3	Psychology, Introduction to	Prereq: 838-105 OR 851-757	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	SU	SU
6	*150-145	3	IT Scripting			SU	SU
7	*150-181	4	Cloud Technologies	Prereq: 150-124		F	F
7	809-196	3	Sociology, Introduction to	Prereq: 838-105 OR 851-757	• Satisfactory college placement results (through multiple measures or placement test scores) or successful remediation is required prior to enrollment. See an advisor for details.	F	F
8	*107-013	1	IT Job Skills	Prereq: 801-136		S	S
8	*150-155	3	Data Center Technician	Prereq: 150-152		S	S
8	*150-136	3	Server Technologies	Prereq: 107-193 OR 154-114 Coreq: 150-155		S	S
<b>Minimum Program Total Credits Required: 63</b>							

(\*) Students must achieve a minimum of 2.0 ("C") or above for this major course to meet graduation requirements.

## **IT – Network Specialist (10-150-2)**

*IT-Network Specialist* is designed to prepare students for a professional career in the computer network field. The program takes the students from the beginning architectural design process through installation, configuration, administration, and tuning of microcomputer network environments. Additional topics incorporated into the program include cross-platform and enterprise network environments.

### **Program Learning Outcomes**

Graduates will be able to:

- 1 Implement computer networks.
- 2 Implement client systems.
- 3 Implement server operating systems.
- 4 Implement network security components.
- 5 Develop technical documentation.
- 6 Troubleshoot network systems.

### **Essential Career Competencies**

Gateway's six essential career competencies are the general attitudes and skills promoted and assessed by all programs. All Gateway graduates will develop skills in:

- 1 Communication Competence
- 2 Critical Thinking and Problem Solving
- 3 Professionalism and Career Management
- 4 Teamwork and Collaboration
- 5 Cultural Competence
- 6 Technology Competence

Gateway Technical College reserves the right to modify curriculum requirements for students who interrupt enrollment for one year or take over seven years to complete. Tuition and material fees are determined by the board of the Wisconsin Technical College System. Consult My Gateway for exact fee amounts. The District reserves the right to modify, cancel, or relocate course offerings in response to factors such as low enrollment, resource availability, or other relevant considerations to ensure high-quality educational experiences. Students will be notified in writing and are encouraged to meet with their Academic Advisor to adjust their academic plan.

### **Admission Requirements**

- 1 Students must submit an application and pay \$30 fee.
- 2 Students must meet one of the following: minimum cumulative high school GPA of 2.6 (unweighted); earned at least 12 college credits with a minimum GPA of 2.0; or complete valid reading, writing, and math placement assessments.

### **Graduation Requirements**

- 1 Minimum 63 credits with a cumulative GPA of 2.0 or above.
- 2 \*Minimum of 2.0 ("C") or above for these major courses.
- 3 Complete 890-155 Gateway to Success (G2S) in the first semester.

For a complete list of Graduation Requirements, check the Student Handbook or [Graduation Requirements](#).

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