

# Network Security Administration Program

## 2018-2019

### Intermediate Technical Certificate

The Network Security Administration program prepares students for careers in cybersecurity technology by offering a one-year Intermediate Technical Certificate, a two-year Advanced Technical Certificate, and an Associate of Applied Science Degree.

The Network Security Administration one-year Intermediate Technical Certificate (ITC) teaches the foundations of cybersecurity and networking job skills. It will prepare students for an entry-level career in the information technology and cybersecurity industry. This certificate combines networking fundamentals with the requisite entry-level network security concepts and effective practices required to implement and administer secure network environments. The technical courses combine both networking concepts and security fundamentals with a focus on best practices required to implement and administer secure network environments. It will also provide opportunities for those employed in the information technology field to enhance their knowledge and credentials and advance in their careers. During the program students are encouraged to work toward a variety of industry certifications in addition to the ITC certificate.

**This is a selective enrollment program. Successful completion of each semester or permission of the instructor is required to continue to the next semester. Successful completion of the technical certificate or permission of the instructor is required for enrollment in third and fourth semester courses.**

For program information, go to [http://www.nic.edu/programs/viewprogram.aspx?program\\_id=20](http://www.nic.edu/programs/viewprogram.aspx?program_id=20) or contact the Career and Technical Education Advisor at (208) 769-3371.

#### First Semester

Code	Title	Credits	Delivery	Semester
CITE-118	Computer IT Essentials	2	INT	Fall
CITE-121	Network Support I	3	F2F	Fall
CITE-122	Network Support I Projects	3	INT	Fall
CITE-124	TCP/IP Fundamentals	2	F2F	Fall
ENGL-101	English Composition	3		All
MCTE-101	Technical Mathematics or A.A.S. Mathematical Ways of Knowing <sup>1,2</sup>	3		All
	<b>Semester Total</b>	<b>16-18</b>		

#### Second Semester

Code	Title	Credits	Delivery	Semester
CITE-142	Information Security Fundamentals	3	INT	Spring
CITE-155	Linux Essentials	3	INT	Spring
CITE-213	Network Support II	3	F2F	Spring
CITE-215	Network Support II Projects	3	INT	Spring
COMM-101	Introduction to Speech Communication <sup>2</sup>	3		All
	<b>Semester Total</b>	<b>15</b>		
	<b>Total Credits</b>	<b>31-33</b>		

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<sup>1</sup> Mathematics requirement includes any math course that is MATH-123 or higher and meets the A.A.S. degree requirements listed on page 50 of the 2017-2018 NIC Catalog.

INT – Internet

F2F – Face-to-face