

## PROGRAM PURPOSE

Network administration & cybersecurity is a two-year program that prepares students to enter the workforce as an IT administrator, or technician or to continue on to a bachelor's degree program. Students learn to build and optimize computers and servers, set up and administer a computer network, and maintain operating systems. The first year provides training in Windows 10, computer repair, introduction to Windows Servers 2016, introduction to Linux, and networking hardware. Seniors receive advanced training in configuring servers, network administration, microelectronics, computer forensics, and cybersecurity. All courses have considerable hands-on labs to reinforce the theory.

NMCC is an academic partner with CompTIA, allowing the College to provide CompTIA certification exams at academic pricing to students. NMCC also partners with Microsoft Imagine to provide Microsoft software to students enrolled in the network administrators & cybersecurity program.

*Graduates of the program may be eligible to earn eight TestOut certifications including the following: Client Pro; PC Pro; Linux Pro; Network Pro; Security Pro; Server Pro 2016: Install and Storage, Server Pro 2016: Networking; Server Pro 2016: Identity. Students must pass the certification exams to obtain the certification.*

*Approximate cost for these certified exams is \$600.*

## CAREER OPPORTUNITIES

Graduates of the program may find employment opportunities with:

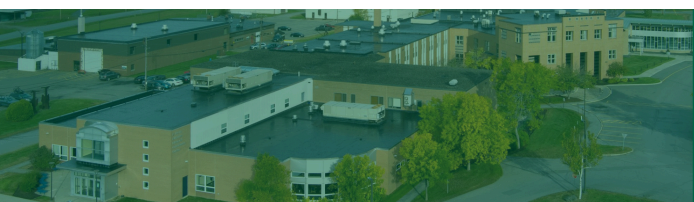
- Computer technicians
- Desktop support technicians
- Network technicians
- Microsoft & Linux network administrators
- Network Security



## APPLICATION PROCEDURE

*The following procedures constitute the admissions process:*

- 1 Submit an NMCC application.  
  
Submit official high school transcript and/or HiSET/GED scores (current senior's ranking period grades).
- 2
- 3 Official college transcripts for applicants who have attended other post-secondary schools.
- 4 If SAT scores are not available, placement testing may be required.
- 5 Meet with an Admissions Counselor.
- 6 A campus tour is highly recommended.



## GET IN TOUCH

207-768-2785

[www.nmcc.edu](http://www.nmcc.edu)  
[nmccadmissions@maineccc.edu](mailto:nmccadmissions@maineccc.edu)

33 Edgemont Drive  
Presque Isle, ME 04769

**NETWORK ADMINISTRATION & CYBERSECURITY**  
2024-2025  
Associate in Applied Science Degree Program

<b>First Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
>	<b>COE 113 (CMIT 113)</b>	<b>Operating Systems</b>		2	2	3
>	<b>COE 116 (CMIT 116)</b>	<b>A+ Certification Prep</b>		3	0	3
>	<b>COE 118 (CMIT 118)</b>	<b>A+ Certification Prep Lab</b>		0	9	3
	COL 103 (CLGE 103)	College Success		1	0	1
	ENG 111 (ENGL 101)	English Composition		3	0	3
	MAT 115 (MATH 114)	Business Math (or MAT 116 Quantitative Reasoning)		3	0	3
				<b>12</b>	<b>11</b>	<b>16</b>
<b>Second Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
>	<b>COE 125 (CMIT 125)</b>	<b>Computer Network Hardware</b>		2	2	3
>	<b>COE 128 (CMIT 128)</b>	<b>Advanced Operating Systems</b>		2	2	3
>	<b>COE 217 (CMIT 127)</b>	<b>Installing &amp; Configuring Servers</b>		2	4	4
	COM 212 (COMM 212)	Business Communications I		3	0	3
	MAT 125 (MATH 140)	College Algebra		3	0	3
				<b>12</b>	<b>8</b>	<b>16</b>
<b>Third Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
	COE 112 (CMIT 112)	Introduction to Linux		2	2	3
>	<b>COE 218 (CMIT 218)</b>	<b>Network Administration</b>		2	4	4
>	<b>COE 219 (CMIT 219)</b>	<b>Electronics for Computer Technicians</b>		2	3	3
>	<b>COE 228 (CMIT 228)</b>	<b>Security+ Certification</b>		2	2	3
	ECO 213 (ECON 201)	Macroeconomics		3	0	3
				<b>11</b>	<b>11</b>	<b>16</b>
<b>Fourth Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
>	<b>COE 220 (CMIT 220)</b>	<b>Introduction to Computer Forensics</b>		2	2	3
>	<b>COE 227 (CMIT 227)</b>	<b>Configuring Advanced Windows Server</b>		2	4	4
>	<b>COE 229 (CMIT 229)</b>	<b>Ethical Hacking</b>		2	2	3
		General Ed Elective		3	0	3
		Humanities Elective		3	0	3
				<b>12</b>	<b>8</b>	<b>16</b>
<b>Total Required</b>						<b>64</b>

> *Major courses; a minimum grade of "C" or 2.0 is required*  
Key: C=Class hours; L=Laboratory; CR=Credit hours

**NETWORK ADMINISTRATION & CYBERSECURITY**  
2024-2025  
Certificate Program

<b>First Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
>	<b>COE 113 (CMIT 113)</b>	<b>Operating Systems</b>		2	2	3
>	<b>COE 116 (CMIT 116)</b>	<b>A+ Certification Prep</b>		3	0	3
>	<b>COE 118 (CMIT 118)</b>	<b>A+ Certification Prep Lab</b>		0	9	3
	ENG 111 (ENGL 101)	English Composition		3	0	3
	MAT 115 (MATH 114)	Business Math (or MAT 116 Quantitative Reasoning)		3	0	3
				<b>11</b>	<b>11</b>	<b>15</b>
<b>Second Semester</b>				<b>C</b>	<b>L</b>	<b>CR</b>
	COE 112 (CMIT 112)	Introductin to Linux		2	2	3
>	<b>COE 125 (CMIT 125)</b>	<b>Computer Network Hardware</b>		2	2	3
>	<b>COE 128 (CMIT 128)</b>	<b>Advanced Operating Systems</b>		2	2	3
>	<b>COE 217 (CMIT 127)</b>	<b>Installing &amp; Configuring Servers</b>		2	4	4
	COM 212 (COMM 212)	Business Communications I (or MAT 125 College Algebra)		3	0	3
				<b>11</b>	<b>10</b>	<b>16</b>
<b>Total Required</b>						<b>31</b>

