NETWORK ADMINISTRATION & CYBERSECURITY

NORTHERN MAINE COMMUNITY COLLEGE

SUCCEED HERE

HIGH DEMAND FIELD!

Questions?

Contact:
admissions@nmcc.edu

CAREER OPPORTUNITIES

Graduates of this program will be qualified for positions as:

- 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.

2. Submit official high school transcript and/or HiSET/GED scores (current senior's transcript should include completed ranking period grades).

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.

PROGRAM PURPOSE

Network administration & cybersecurity is a two-year program which prepares students to enter the workforce as an IT administrator, 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 Server 2016, introduction to Linux, and networking hardware. Seniors receive advanced training in configuring servers, network administration, micro electronics, 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 administration & 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 certification exams is $600.

NETWORK ADMINISTRATION & CYBERSECURITY
2023-2024
Associate in Applied Science Degree Program

First Semester			C	L	CR
> COE	113	Operating Systems	2	2	3
> COE	116	A+ Certification Prep	3	0	3
> COE	118	A+ Certification Prep Lab	0	9	3
COL	103	College Success	1	0	1
ENG	111	English Composition	3	0	3
MAT	115	Business Math (or MAT 116 Quantitative Reasoning)	3	0	3
			12	11	16

Second Semester					
> COE	125	Computer Network Hardware	2	2	3
> COE	128	Advanced Operating Systems	2	2	3
> COE	217	Installing & Configuring Servers	2	4	4
COM	212	Business Communications	3	0	3
MAT	125	College Algebra	3	0	3
			12	8	16

Third Semester					
COE	112	Introduction to Linux	2	2	3
> COE	218	Network Administration	2	4	4
> COE	219	Electronics for Computer Technicians	2	3	3
> COE	228	Security+ Certification	2	2	3
ECO	213	Macroeconomics	3	0	3
			11	11	16

Fourth Semester					
> COE	220	Introduction to Computer Forensics	2	2	3
> COE	227	Configuring Advanced Window Server	2	4	4
> COE	229	Ethical Hacking	2	2	3
		Humanities Elective	3	0	3
		General Elective	3	0	3
			12	8	16

Total Required 64

NETWORK ADMINISTRATION & CYBERSECURITY
2023-2024
Certificate Program

First Semester			C	L	CR
> COE	113	Operating Systems	2	2	3
> COE	116	A+ Certification Prep	3	0	3
> COE	118	A+ Certification Prep Lab	0	9	3
ENG	111	English Composition	3	0	3
MAT	115	Business Math (or MAT 116 Quantitative Reasoning)	3	0	3
			11	11	15

Second Semester					
COE	112	Introduction to Linux	2	2	3
> COE	125	Computer Network Hardware	2	2	3
> COE	128	Advanced Operating Systems	2	2	3
> COE	217	Installing & Configuring Servers	2	4	4
COM	212	Business Communications (or MAT 125 College Algebra)	3	0	3
			11	10	16

Total Required 31

> Major courses; a minimum grade of "C" or 2.0 is required
Key: C= Class Hours, L: Lab Hours, CR= Credit Hours

nmcc.edu   207-768-2785