



COMPUTER & NETWORK TECHNOLOGY



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PROGRAM PURPOSE

Computer & Network Technology is a two-year program which prepares students to repair computers and printers, set-up and administer a computer network, and maintain operating systems. The first year provides training in Windows 10, Computer Repair, DC/AC Electricity, Introduction to Windows Server 2016, and Networking Hardware. Seniors receive advanced training in Configuring Servers, Network Administration, Micro Electronics, Computer Forensics, and Computer Security. The server courses use Windows Server 2016.

A number of the courses are provided on-line using virtual servers. 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 Dreamspark to provide Microsoft software to students enrolled in the Computer & Network Technology program.

We have a testing center on campus. So students do not need to travel to take certification exams.

CAREER OPPORTUNITIES

Graduates of the program will have been 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.

Graduates will be qualified for positions as:

- computer technicians
- network technicians
- network security
- desktop support technicians
- network administrators (Microsoft & Linux)

Employers are seeking computer & network technology graduates for the IT industry!

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APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. Submit an NMCC application along with a \$20 application fee.
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 will be required.
5. Individual interview required.
A campus tour is highly recommended.

**Questions contact:
admissions@nmcc.edu**

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downloading the
NMCC mobile app. at
any app. store.**

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COMPUTER & NETWORK TECHNOLOGY

2019-2020 Curriculum

Associate in Applied Science Degree Program

<u>First Semester</u>	C	L	CR
◆COE 113 Operating Systems	2	2	3
◆COE 116 A+ Cert. Prep	3	0	3
◆COE 118 A+ Cert. Prep Lab	0	9	3
COL 103 College Success	1	0	1
ELS 117 Basic Electricity	2	4	4
MAT 118 Electrical Math	4	0	4
	12	15	18

<u>Second Semester</u>	C	L	CR
◆COE 125 Comp. Network Hardware	2	2	3
◆COE 128 Adv Operating Systems	2	2	3
◆COE 217 Installing & Conf. Servers	2	4	4
ENG 111 English Composition	3	0	3
Humanities Elective	3	0	3
	12	8	16

<u>Third Semester</u>	C	L	CR
COE 112 Intro to Linux	2	2	3
◆COE 218 Network Administration	2	4	4
◆COE 219 Electronics for Comp. Techs	2	3	3
PHY 150 Physics	3	2	4
	9	11	14

<u>Fourth Semester</u>	C	L	CR
COE 220 Intro to Computer Forensics	2	2	3
◆COE 227 Conf. Adv. Windows Server	2	4	4
◆COE 228 Security+ Certification	2	2	3
COM 221 Technical Communications	3	0	3
Social Science Elective	3	0	3
	12	8	16

TOTAL REQUIRED 64

Certificate Program

<u>First Semester</u>	C	L	CR
◆COE 113 Operating Systems	2	2	3
◆COE 116 A+ Cert. Prep	3	0	3
◆COE 118 A+ Cert. Prep Lab	0	9	3
ELS 117 Basic Electricity	2	4	4
MAT 118 Electrical Math	4	0	4
	11	15	17

<u>Second Semester</u>	C	L	CR
COE 112 Intro to Linux	2	2	3
◆COE 125 Computer Network Hardware	2	2	3
◆COE 128 Adv Operating Systems	2	2	3
ENG 111 English Composition	3	0	3
	9	6	12

TOTAL REQUIRED 29

◆ Major courses; a minimum grade of "C" or 2.0 required.

NMCC is an equal opportunity/affirmative action institution and employer. For more information, please call 768-2791.

Key: C= Class Hours, L= Lab Hours, CR= Credit Hours

207-768-2785

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