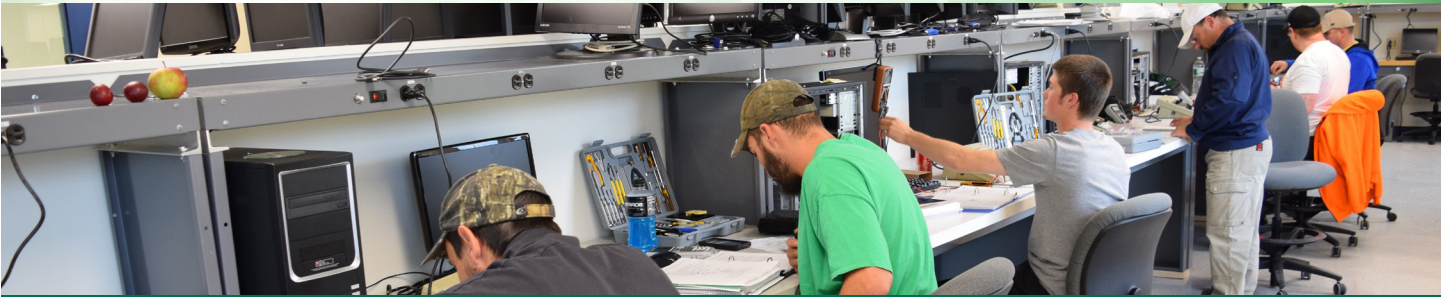




COMPUTER & NETWORK TECHNOLOGY



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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 8.1 r2, computer repair, digital electronics, Linux, and networking hardware. Seniors receive training in installing and configuring servers, network administration, basic electronics, forensics, security, and advanced server configuration. The server courses use Windows Server 2012 r2. 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.

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

CAREER OPPORTUNITIES

Graduates of the program will have earned nine certifications including the following: CompTIA certifications: A+, Network+, Security+, Linux+, LPI LPIC-1 Linux, SUSE Certified Administrator, HealthCare IT. Microsoft certifications: MCSA Windows 8.1 r2 and MCSA Microsoft Windows Server 2012 r2. *Students must pass the certification exams to get certified.*

Graduates will be qualified for positions as:

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

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

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APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. An application form must be submitted accompanied by a non-refundable \$20 application fee.
2. An official high school transcript must also be submitted (current seniors' transcripts should include completed ranking periods).
3. HiSET/GED test scores must be submitted by applicants who are not high school graduates.
4. Official college transcripts must be submitted by applicants who have attended other colleges or post-secondary schools.
5. Placement testing or appropriate SAT scores, individual interviews and campus tours are required, in most cases, prior to being admitted.
6. Admissions decisions are made as quickly as possible once a candidate's file is complete.
7. Accepted applicants are required to make a deposit within thirty days of acceptance. Students requesting on campus housing are required to submit an additional deposit to reserve space in the residential complex.

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COMPUTER & NETWORK TECHNOLOGY

2018-2019 Curriculum

Associate in Applied Science Degree Program

<u>First Semester</u>	C	L	CR
◆ COE 116 A+ Cert. Prep	3	0	3
◆ COE 118 A+ Cert. Prep Lab	0	9	3
◆ COE 119 Operating Systems	2	4	4
COL 103 College Success	1	0	1
DIB 113 Intro to Digital Systems	2	2	3
MAT 118 Electrical Math	4	0	4
	12	15	18

Second Semester

◆ 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

Third Semester

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

Fourth Semester

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 116 A+ Cert. Prep	3	0	3
◆ COE 118 A+ Cert. Prep Lab	0	9	3
◆ COE 119 Operating Systems	2	4	4
DIB 113 Intro. to Digital Systems	2	2	3
MAT 118 Electrical Math	4	0	4
	11	15	17

Second Semester

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.

207-768-2785

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