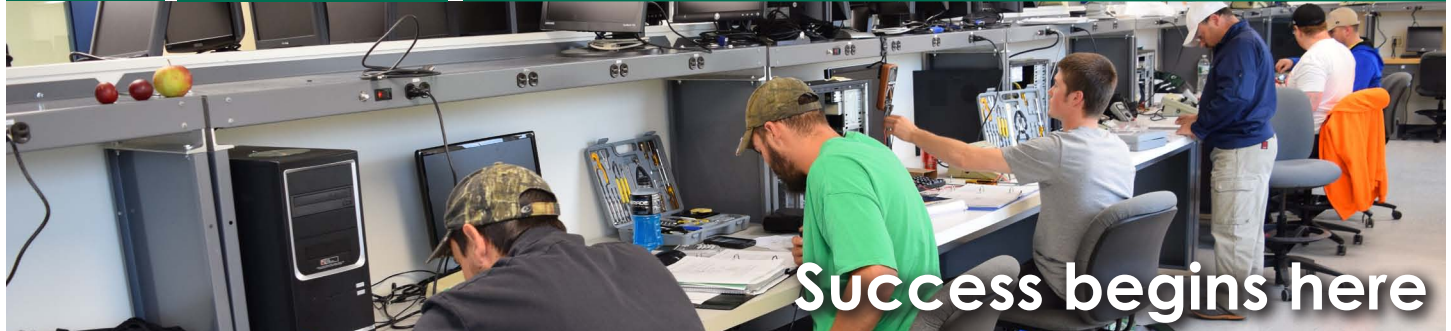


COMPUTER & NETWORK TECHNOLOGY



Success begins here

PURPOSE OF PROGRAM

Computer & Network Technology is a two-year program which prepares men and women 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.

CAREER OPPORTUNITIES

Graduates of the program will have earned nine certifications encompassing the fields of computer repair technicians, network repair technicians and administrators, 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, desktop support technicians, network technicians, network administrators (Microsoft & Linux), and security.

ADMISSIONS POLICY

Completion of a four-year high school program or a state high school equivalency certificate is required for admission into NMCC's computer electronics program. Associate degree and certificate applicants are required to have high school algebra I. Algebra II, physics and geometry are desired of all applicants. A rolling admissions policy affords candidates the opportunity to apply and be accepted throughout the year, but early application (9-10 months prior to the school year) is recommended because of competition and strict enrollment capacities established for each program.

APPLICATION PROCEDURE

The following procedures constitute the admissions process:

1. An application form must be submitted accompanied by a nonrefundable \$20 application fee.
2. An official high school transcript must also be submitted (current seniors' transcripts should include completed ranking periods).
3. 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.

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

COMPUTER & NETWORK TECHNOLOGY

2016-2017 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
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	Comp. Network Hardware	2	2	3
♦ COE 128	Adv. Operating Systems	2	2	3
ENG 111	English Composition	3	0	3
	Humanities Elective	3	0	3
		12	6	15

Third Semester

♦ COE 217	Installing & Conf. Servers	2	4	4
♦ COE 218	Network Administration	2	4	4
♦ COE 219	Electronics for Comp. Techs	2	3	3
COM 221	Technical Communications	2	3	3
PHY 150	Physics	3	2	4
		11	16	18

Fourth Semester

COE 220	Intro. to Computer Forensics	2	2	3
♦ COE 216	Security+ Cert. Prep	1.5	4.5	3
♦ COE 227	Conf. Adv. Windows Server	2	4	4
	Social Science Elective	3	0	3
	General Education Elective	2	0	2
	Elective	1	0	1
		11.5	10.5	16

TOTAL REQUIRED

66

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	Comp. Network Hardware	2	2	3
♦ COE 128	Adv. Operating Systems	2	2	3
ENG 111	English Composition	3	0	3
	Elective	2	0	2
		11	6	14

TOTAL REQUIRED

31

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