



## PURPOSE OF PROGRAM

The building construction technology program provides entering men and women with realistic, up-to-date training in the tools of the carpentry trade, the methods of proper construction, the proper materials to use and the related knowledge necessary to enter the trade. First year students learn and practice the uses and safety of power and hand tools. The principles of building construction are practiced including roof framing, roof trusses, floor framing, wall partition framing, exterior finish, roofing, siding and insulation. Second year students supplement their trade skills by learning and practicing interior finishes, kitchen cabinets, painting and staining. Students also learn building science theory, especially as it pertains to sustainable construction practices.

## CAREER OPPORTUNITIES

Graduates of the building construction technology program will be qualified as entry level builders and may find employment with building suppliers, government agencies, home specialty companies, manufacturing firms and other organizations. The associate degree level program may lead to advanced positions as general construction supervisors or contractors.

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

## ADMISSIONS POLICY

Completion of a four-year high school program or a state high school equivalency certificate is required for admission into NMCC's building construction technology program. Associate degree applicants are required to have two years of high school math, including algebra I; algebra II, geometry and physics are also desired. Certificate applicants must also have two years of math, with algebra I & II, geometry and physics desired. 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.

# BUILDING CONSTRUCTION TECHNOLOGY

## 2015-2016 Curriculum

### Associate in Applied Science Degree Program

<u>First Semester</u>		C	L	CR
◆ BCT 111	<b>Framing Systems</b>	3	9	6
DRR 117	Blueprint Reading for Construction Trades	2	2	3
ENG 111	English Composition	3	0	3
SAE 119	Construction Safety	3	0	3
TEC 112	Building Science I	1.5	3	3
		12.5	14	18

#### Second Semester

◆ BCT 121	<b>Interior Materials &amp; Methods</b>	3	9	6
MAT 119	Applied Mathematics	4	0	4
TEC 123	Building Science II	1.5	3	3
	General Education Elective	1	0	1
	Social Science Elective	3	0	3
		12.5	12	17

#### Third Semester

◆ BCT 211	<b>Adv. Framing &amp; Finishing</b>	3	9	6
DRR 212	Architectural Drafting I	2	3	3
PHY 150	Physics	3	2	4
SUR 213	Construction Surveying	2	2	3
		10	16	16

#### Fourth Semester

◆ BCT 221	<b>Finish Carpentry</b>	3	9	6
COM 221	Technical Communications	3	0	3
DRR 220	Architectural Drafting II	1	3	2
TEC 221	Construction Management	3	0	3
	Humanities Elective	3	0	3
		13	12	17

**TOTAL REQUIRED** 68

### Certificate Program

<u>First Semester</u>		C	L	CR
◆ BCT 111	<b>Framing Systems</b>	3	9	6
DRR 117	Blueprint Reading for Construction Trades	2	2	3
ENG 111	English Composition	3	0	3
SAE 119	Construction Safety	3	0	3
TEC 112	Building Science I	1.5	3	3
		12.5	14	18

#### Second Semester

◆ BCT 121	<b>Interior Materials &amp; Methods</b>	3	9	6
MAT 119	Applied Mathematics	4	0	4
TEC 123	Building Science II	1.5	3	3
	Elective	3	0	3
		11.5	12	16

**TOTAL REQUIRED** 34

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