

BUILDING CONSTRUCTION TECHNOLOGY



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PURPOSE OF PROGRAM

The building construction technology certificate program provides students with current and realistic training in tools of the carpentry trade, methods of proper construction, proper materials to use, and the related knowledge necessary to enter the trade. Students learn and practice the uses and safety of power and hand tools. The principles of building construction: roof framing, roof trusses, floor framing, wall partition framing, exterior finish, roofing, siding, and insulation are practiced. Students also learn building science theory and blueprint reading especially as this information pertains to sustainable construction practices.

Students learn in a lab with industry standard tools necessary to become competent in their trade.

CAREER OPPORTUNITIES

Students who complete the building construction technology certificate program will be qualified as entry level builders and may find employment with:

- building suppliers
- government agencies
- home specialty companies
- manufacturing firms
- and more!



Employees in the building trades are in high demand.

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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 may be required.
5. Individual interview required.
6. A campus tour is highly recommended.

Questions? Contact:
admissions@nmcc.edu

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2021-2022 Curriculum

Certificate Program

First Semester	C	L	CR
◆ BCT 111 Framing Systems	3	9	6
DRR 117 Blueprint Reading for Construction Trades	2	2	3
ENG 111 English Composition	3	0	3
SAE 117 Occupational Safety	1	0	1
TEC 112 Building Science I	<u>1.5</u>	<u>3</u>	<u>3</u>
	10.5	14	16
Second Semester			
◆ BCT 121 Interior Materials & Methods	3	9	6
MAT 119 Applied Mathematics	4	0	4
TEC 123 Building Science II	1.5	3	3
Elective	<u>3</u>	<u>0</u>	<u>3</u>
	11.5	12	16
TOTAL REQUIRED			32

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

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

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

207-768-2785

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