

INTERIOR FINISH CERTIFICATE

		Credit Hours
BLDC 1005	Safety	1
BLDC 1130	Construction Drafting & Sketching	2
BLDC 1210	Interior Walls and Cabinetry	5
BLDC 1215	Interior Trim and Finish	5
BLDC 1230	Construction Codes and Standards	2
BLDC 1260	Computer Spreadsheet & Estimating	2
Total		17

BUILDING CONSTRUCTION CERTIFICATE

		Credit Hours
BLDC 1005	Safety	1
BLDC 1110	Framing Construction	5
BLDC 1120	Exterior Finish	5
BLDC 1130	Construction Drafting & Sketching	2
BLDC 1210	Interior Walls & Carpentry	5
BLDC 1230	Construction Codes & Standards	2
Total		20

CALL ADMISSIONS AND ASK FOR AN INFORMATION PACKET ON BUILDING CONSTRUCTION PROGRAMS

Call 308-535-3609 or 800-658-4308, Ext. 3609. You will get Admission Application, Scholarship Application, and other information that will help you get started.

SPECIFIC PROGRAM QUESTIONS

E-mail is the best: construction@mpcc.edu
Phone: 308-535-3651 or 800-658-4308, Ext. 3651 to speak with the Applied Technologies Division Chair.

SCHEDULE A TOUR

Come explore your options by seeing what is available. Call Admissions and set-up a time. You'll meet with instructors and staff who can answer all your questions, help you fill out your forms, and get you started.

REGISTER FOR CLASSES

If you are about to graduate, or you have a high school diploma, all you need to do is fill out some forms and you're in!



ANNUAL PROJECT FOR THE CONSTRUCTION DESIGN DIVISION PROGRAMS



CUSTOM BUILT HOME CONSTRUCTED by the North Platte Community College Construction Design Division: Building Construction, Drafting, Electrical, and the Heating, Ventilation and Air Conditioning Departments. Below is a partial listing of features in the NPCC 2008 Home:

- 30 Year Heritage Asphalt Shingles
- Tongue & Groove Floor System
- Laminated I Beam Floor Joists
- Designed for Crawl Space or Basement stairway
- 2" X 6" X 9' Exterior Walls
- Fiberglass Insulation in Ceiling (R-46)
- Fiberglass Insulation in Side Walls (R-19)
- Fiberglass Insulation in bathrooms (R-13)
- Wired for Cable & Telephones
- Electrical Wiring to N.E.C. Specifications
- Electrical Fixtures Included
- Electrical Meter & Main Service Disconnect by Buyer
- Water Heater & Furnace By Buyer
- 1687 Square Foot House - open floor-plan concept
- 2 Full Bathrooms with Master Bath Linen Closet
- Anderson Casement Windows
- Kitchen with open vaulted ceilings and breakfast bar
- American Standard and/or Kohler Plumbing Fixtures
- Oak Kitchen Cabinets and Solid Surface Counter Tops
- Carpeted Living Room, Dining Room, Bedrooms & Hall
- Cathedral Ceiling with recessed lighting
- Spacious Master Bath with His/Hers Vanities
- Master Bedroom with Recessed Ceiling, Walk-in Closets
- Mudroom
- Dura-Ceramic Tile - Utility Room, Bathrooms & Kitchen
- Utility Room & Dining Room w/Sliding Glass Patio Door
- Garbage Disposal and Smoke Detector

For More Information:
NORTH PLATTE COMMUNITY COLLEGE
A Division of Mid-Plains Community College
Applied Technologies Division
1101 Halligan Drive
North Platte, NE 69101
308-535-3651, 800-658-4308, Ext. 3651
www.mpcc.edu

NONDISCRIMINATION/ADA STATEMENT

Mid-Plains Community College does not discriminate on the basis of race, color, national or ethnic origin, sex, disability, marital status, political affiliation, veteran's status, or age in its programs and activities. The following persons have been designated to handle inquiries regarding the non-discrimination policies: Area Director of Human Resources, Mid-Plains Community College-North Campus, 1101 Halligan Dr., North Platte, NE 69101, 308 535-3678 or toll free 800 658-4308, Ext. 3678. Inquiries involving students should be directed to the Area Dean of Student Life, Mid-Plains Community College, 1205 East Third Street, McCook, NE 69001, 308 345-8109, or toll free 800 658-4348, Ext. 8109. If you are a person with a disability and require an accommodation while attending this college, please contact: Robin Rankin, North Platte Community College-North Campus, 308 535-3637 or 800 658-4308, Ext. 3637; Sherry Mihel, North Platte Community College-South Campus, 308-535-3710 or Brandon Lenhart, McCook Community College, 308 345-8128 or 800 658-4348, Ext. 8128. Rev 1/06, Rev Bro 12/09



Associate of Applied Science Degree
Building Construction
Technology

McCook Community College
North Platte Community College
Broken Bow, Imperial, Ogallala & Valentine
Extended Campuses

Associate of Applied Science BUILDING CONSTRUCTION TECHNOLOGY

The **Building Construction Technology Program** is an open-entry, open-exit program that provides skills and training necessary for employment in the areas of residential and light commercial construction. Students may earn an Associate of Applied Science Degree, Diploma-44 Credit Hours, Diploma-32 Credit Hours, or certificates (Concrete and Masonry, Framing and Exterior Construction, Interior Finish, and Building Construction).

Program Objectives

- Demonstrate knowledge of safety hazards involved with the building construction industry.
- Possess knowledge to perform tasks of entry level building construction employment.
- Demonstrate an understanding of personal and work characteristics that contribute to an effective job performance.
- Use effective communication skills appropriate to the building construction industry.
- Apply building theory to the construction of single and multiple family dwellings.
- Use mathematical data and reasoning skills appropriate to the construction field.
- Possess a basic understanding of the Uniform Building Code and have the ability to use code resources.

Employment Opportunities

Graduates may consider employment as carpenters, building inspectors, construction materials salespersons, framers, roofers or cabinetmakers. Self-employment/business ownership is also a possibility.

Recommended Electives

Electives in HVAC, Business, Welding, Electrical Technology, Drafting, and Computers would be beneficial to the students.

BLDC 1005 Safety is a prerequisite for all Building Construction classes, except night classes.

Associate of Applied Science BUILDING CONSTRUCTION TECHNOLOGY

Suggested Sequence of Study

First Semester (Fall)	Credit Hours
BLDC 1005 Safety	1
BLDC 1110 Framing Construction I	5
BLDC 1120 Exterior Finish I	5
BLDC 1130 Construction Drafting	2
BLDC 1150 Construction Materials & Practices	2
MATH 1001 General Math B	<u>3</u>
Total	18

Second Semester (Spring)	Credit Hours
BLDC 1210 Interior Walls & Cabinetry	4
BLDC 1220 Interior Trim	5
BLDC 1230 Codes & Standards	2
BLDC 1530 Supporting Trades	2
BLDC 1550 Construction Welding	2
General Education Course	<u>3</u>
Total	18

Summer Semester	Credit Hours
BLDC 2500 Cooperative Internship	<u>8</u>
Total	8

Third Semester (Fall)	Credit Hours
BLDC 1760 Concrete and Forming	2
BLDC 2110 Framing Construction II	5
BLDC 2120 Exterior Finish II	5
BLDC 2170 Plumbing	1
ELTR 1005 Electrical Safety	1
General Education Course	<u>3</u>
Total	17

Fourth Semester (Spring)	Credit Hours
BLDC 1140 Blueprint Reading	2
BLDC 1215 Interior Finish	4
BLDC 1260 Spreadsheet/Estimating	2
BLDC 1770 Brick and Block Masonry	2
BLDC 2220 Cabinet/Millwork	4
General Education Course	<u>3</u>
Total	17

Building Construction Program Credit Hours	69
General Education Requirements	<u>9</u>
A.A.S. Degree Total	78

Building Construction Technology DIPLOMAS & CERTIFICATES

DIPLOMA - 44 CREDIT HOURS

The Diploma option is for students who want only "hands-on" training in the Building Construction field. Students must complete the 44 credit hours of the Building Construction Technology Program courses listed for the fall, spring, and summer terms.

DIPLOMA - 32 CREDIT HOURS

The Diploma option is awarded to students who want only two semesters of the Building Construction Technology Program. Students must complete the 32 semester credit hours of the Building Construction courses listed for the fall and spring semester.

CONCRETE & MASONRY CERTIFICATE

		Credit Hours
BLDC 1005	Safety	1
BLDC 1140	Construction Blueprint Reading	2
BLDC 1510	Concrete, Masonry & Commercial Construction	6
BLDC 1530	Supporting Trades	2
BLDC 1550	Construction Welding	<u>2</u>
Total		13

FRAMING AND EXTERIOR CONSTRUCTION CERTIFICATE

		Credit Hours
BLDC 1005	Safety	1
BLDC 1110	Framing Construction	5
BLDC 1120	Exterior Finish	5
BLDC 1150	Construction Materials and Practices	<u>2</u>
Total		13