



Associate of Applied Science Degree Certificate

Credit Hours Required for Graduation:

Associate of Applied Science Degree:

Building Construction, 60.0

Certificate:

Carpentry & Cabinet Making

Construction, 16.0



For more information contact:

Jason Adams, Program Director

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or the College Admissions Office

Milford 402-761-8243, 800-933-7223 ext. 8243

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Southeast Community College provides the most up-to-date, hands-on technical construction training available. Students will study carpentry and cabinetry, residential and commercial construction, concrete and masonry construction, and gain drafting and estimating skills. Students will work alongside other program students, constructing a house every other term.

Options to Learn and Grow

Students will participate in program activities and projects that are affiliated with the National Association of Home Builders and the Associated General Contractors professional groups, including the construction of a new house during the Spring semester. These affiliations provide an excellent chance to acquire more industry exposure and to help further develop the necessary leadership skills important for successful employment.

Many students focus on a career involving framing or trim and working for residential and light commercial construction contractors. Others have opportunities in concrete and/or masonry construction with companies ranging in size from small to large.

Most employers are looking for motivated and energetic employees who have a strong work ethic and desire to excel and move forward with their career. Many choices exist that will allow students to grow in that company for a period of time to become responsible and, over time, advance in the ranks of the company.



Hausmann Construction values programs that provide hands-on learning, meaningful and practical experience and that develop the creativity necessary to prepare students for industry success. SCC's

Building Construction Technology program is definitely at the top of that list.

Joey Hausmann, President



Top Career Options

- Carpenter
- Cabinet Maker
- Project Foreman
- Concrete/Masonry Specialist
- Drafting/Estimating



Graduate Earnings

Recent graduates report an average starting wage of \$17.60 per hour.



2019-2020 Tuition/Fee Rate Per Credit Hour	
Nebraska Resident	\$108
Out-of-state tuition/fee rate	\$129

Estimated Expenses

Tuition/Fees	\$6480
Books	1570
Special Fees	160
Tools/Supplies	1365

Total: \$9,475

Basic Tools for Building Construction

Required To Enter 1st Semester

- * Safety Glasses - must meet Z87 specs.
- Approved leather shoes/boots for construction
- * Hard Hat - OSHA approved for construction work
- * Construction Master Calculator v3.1
- Carpenter's Level, 24" aluminum
- 1 - Tape Measure, Stanley, 33-425 (25')
- * Hearing Protection
- 1 - Flash Drive Storage Device (1) GB min.
- 1 - Hammer 16 oz., Plumb OAN 11 1/2
- 1 - Combination Square (not plastic) Stanley 46-123
- 1 - Framing Square, Stanley 45-011 (must have octagon scale, rafter table, Essex board measure, brace table)
- 1 - Coping Saw, Stanley 15-106, 6 3/4"
- 1 - Block Plane, Stanley 12-960 (low angle)
- 4 - Chisels, Stanley (1/4", 1/2", 3/4", 1")
- 1 - Scratch Awl
- 1 - Oilstone, Large Carborundum (reversible)
- 1 - Nail sets, 1/32", 2/32", 3/32"
- 1 - Putty Knife, 1-1/2"
- 1 - Utility Knife, retractable, with extra blades
- 1 - Chalk Box, 100' Irwin
- 1 - Compass/Scriber
- 1 - Sliding T-bevel, (plastic or wood handle)
- 1 - Screwdriver, six-in-one with interchangeable bits
- 1 - Nail Apron or Leather Pouches on Web belt
- 1 - Set Drill Bits (1/16", 5/64", 3/32", 1/8", 3/16", 1/4") min.
- 1 - 1/2" Cordless Drill, Dewalt 20V or higher variable Speed, Forward/Reverse, DCD796D2
- 1 - Set, Screwdriver Bits for 3/8" Drill incl. #1, #2 Phillips, Standard option, #25 Torx & #2 Square
- 1 - Pair Square Gauges
- 1 - Needle Nose Pliers
- 1 - 4" Tapered Drywall Knife (not plastic)
- 1 - 6" Drywall Knife (not plastic)
- 1 - Pliers, Vise-Grip or Side Cutter Pliers

- 1 - Pocket Plane Stanley Surform/ Drywall Rasp
- 1 - 25' Extension Cord with Optional Multiple Ends and GFCI, (12-3) or (14-3) Wire
- 1 - Flatbar Nail Puller (Wonderbar), Stanley 55-515
- 1 - Cats Claw Nail Puller (Sheeps Foot)
- 1 - Foam Drywall Sanding Block (Sandflex) med. grit
- * 1 - #5 and #9 VIX Bit
- 1 - 1 1/4 x 8 Combination Countersink Stanley Screwmate
- 1 - Set Speedbor Wood Bits, 6 pc. set, 3/8"-1"
- 9-Piece standard hex set

Router bits with 1/4" shank

- 1 - 1/2" Straight Bit
- 1 - 45 Degree chamfer with bearing guide
- 1 - Flush cut laminate bit with bearing guide
- 1 - 8 Degree bevel bit with bearing guide
- 1 - 1/4" Round over with bearing guide

Optional Tools For 1st Semester

- 1 - Torpedo level - 9"
- 1 - Speed Square
- 1 - Hacksaw
- 1 - 100' Steel Tape
- 1 - 10" Adjustable Wrench
- 1 - Hand Crosscut Saw, either a (20"), 8-11 pt. or a (26"), 8-11 pt.
- 1 - 48" Level
- 1 - Framing Hammer 20-22 oz.
- 1 - Sanding Block (wood, rubber or plastic)

Supplies Required For 2nd Semester

- * Drafting Kit

Supplies Required For 3rd Semester

- * ARC Welding Helmet - with #10 lens & 2 clear plastic lenses
- * Oxy-Fuel Face Shield - with #5 or #6 lens
- * A-87 Approved Safety Glasses w/Side Shields
- * Chipping Hammer with Brush or Chipping Hammer and Wire Brush
- * Welding Gloves

* May be purchased at the Campus Store.



General Education Requirements

Contact your program advisor to select general education courses from each category which will meet your program's graduation requirements. See the General Education pages for a complete list.

(One class from each area below; no two classes from the same area).

GELO #1: Oral Communications	3.0
GELO #2: Written Communications	3.0
GELO #3: Critical Thinking and Problem Solving ECON1200 Personal Finance	3.0
GELO #5: Analytical, Quantitative and Scientific Reasoning MATH1020 Technical Math or higher required	3.0
GELO #6: Career and Life Skills BSAD1010 Microsoft Applications I (Recommended)	3.0
	15 hours

Building Construction Technology Courses

Students in the Building Construction Technology program take part in learning activities related to concrete, masonry, carpentry, drafting, estimating, cabinet making, and house construction. A grade of "C" or higher is required in CNST courses for graduation from this program.

Course #	Course title	Credit hrs.
CNST1121	Concrete & Masonry Tools & Materials	3.0
CNST1122	Concrete & Masonry Applications	3.0
CNST1225	Construction Tools & Materials	3.0
CNST1224	Construction Processes & Practices	3.0
CNST1326	Residential Construction Drafting	3.5
CNST1328	Residential Construction Estimating	3.5
CNST1430	Cabinetry and Carpentry I	3.0
CNST1433	Cabinetry and Carpentry II	3.0
CNST2532	House Construction I	4.5
CNST2533	House Construction II	4.5
CNST2634	Commercial Construction Drafting	2.5
CNST2636	Commercial Construction Estimating	4.0
CNST2643	Fundamentals of Structural Steel	2.0
WELD1191	GMAW & SMAW Industrial	1.5
ACFS2020	Career Development	1.0
		45.0 hours

Certificate in Carpentry & Cabinet Making Construction

The certificate provides relevant curriculum for training to do carpentry and wood construction work as well as the construction of wood cabinets.

Course #	Course title	Credit hrs.
CNST1225	Construction Tools & Materials	3.0
CNST1224	Construction Processes & Practices	3.0
CNST1430	Cabinetry and Carpentry I	3.0
CNST1433	Cabinetry and Carpentry II	3.0
ACFS2020	Career Development	1.0
		13.0 hours

General Education Requirements Certificate

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(One class from the following area).

Critical Thinking and Problem Solving MATH1020 or higher	3.0 hours
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