



Program Description

The program provides knowledge and opportunity to practice safe work habits, solve carpentry math functions, design, draw, estimate, read blueprints, construct cabinetry, understand and accomplish interior and exterior finishing, and practice all types of exterior concrete work along with other skills. All in a controlled classroom atmosphere while constructing a single family dwelling.

Students should possess an interest in working with wood and tools. They should like to work outdoors and endure weather conditions and heights. Students will need to prepare themselves to work hard every day and develop good work ethics. Manual dexterity and ability to solve problems are necessary; previous courses in drafting, math, and industrial technology are helpful.

P.S.E.O. students will be considered based upon availability.

Employment Opportunities

Although specialization is becoming increasingly common, it is important to try to acquire skills in all aspects of carpentry so you have the flexibility to perform and excel with all tasks given you. Carpenters may advance to carpentry supervisors or general construction supervisors. Carpenters usually have greater opportunities than most other construction workers to become general construction supervisors, because they are exposed to the entire construction process. Some carpenters become independent self employed contractors.



Program Core Competencies

1. Study and perform OSHA Regulations while on the job site or in the shop.
2. Interact with residential and commercial blue prints.
3. Apply standard construction methods during the construction of a single family dwelling.
4. Study, design, and layout a stairway in project and in a construction project.
5. Study and apply varied siding products to compliment construction project.
6. To make and apply many aspects of mil work while trimming out interior of construction project.
7. Design, estimate and construct several cabinets.
8. Study the characteristics of concrete as well as estimating and placing the product to a finish state.

Degrees and Diplomas

Carpentry-Cabinetmaking

A.A.S. Degree

Carpentry-Cabinetmaking

Diploma



Construction



Degree Description

The carpentry-cabinetmaking program provides opportunity for graduates to explore many different avenues within the construction trade. After graduation a majority of our students enter directly into the construction field as a carpenter. Within a few years the industry provides opportunity for advancement into leadership positions. With schooling and experience in the trade advancement comes to the graduate more than those not attending. Many of our graduates are self-employed, lead carpenters, foremen, and job supervisors. Leadership is not a position for all people, so the carpentry program provides opportunity for each student to take and feel the role of the job site foreman during the construction.

This program is designed to put the student into a realistic job setting while protected in a learning environment. Each student will be challenged to accomplish tasks seldom or never asked of them in the past. It's our goal to place into the carpentry field quality students that will provide great benefits to the job market and themselves.

Offered on Faribault Campus

Admission Date: Fall Semester

Carpentry-Cabinetmaking A.A.S. Degree (72 Credits)

AAS2441

REQUIRED TECHNICAL COURSES

	54
CPCB1800 Carpentry Safety	2
CPCB1810 Basic Construction Remodeling Theory & Job Site Experience IA	4
CPCB1811 Basic Construction Remodeling Theory & Job Site Experience IB	4
CPCB1830 Residential Blueprint Reading	2
CPCB1860 House Design and Estimating	3
CPCB1875 Cabinetmaking I	2
CPCB1876 Cabinetmaking II	4
CPCB1877 Cabinetmaking III	5
CPCB2802 Advanced Carpentry Theory	2
CPCB2811 Advanced Job Site Experience 1A	5
CPCB2812 Advanced Job Site Experience 1B	5
CPCB2825 Stairway Technology	4
CPCB2830 Framing Square Technology	2
CPCB2835 Advanced Interior Finishing 1A	3
CPCB2836 Advanced Interior Finishing 1B	2
CPCB2850 Exterior Finish	3
CPCB2855 Advanced Concrete Technology	2

ELECTIVE CREDITS

LIBERAL ARTS & SCIENCES 18

To complete an A.A.S. Degree, students must complete 18 MNTC credits from 3 of the 10 MNTC Goal Areas (combination of required and recommended). See pgs. 56-62 for more information. Courses must be selected in consultation with advisor/faculty.

Recommended:

MNTC - Goal Area 1: Communications

ENGL100	Composition	4
SPCH100	Interpersonal Communication	3

MNTC - Goal Area 2: Critical Thinking

PHIL100	Ethics in Society	3
SPCH120	Small Group Communication	3

MNTC - Goal Area 4: Mathematical/Logical Reasoning

MATH115	Concepts in Math	4
MATH120	College Algebra	4

MNTC - Goal Area 5: History & The Social & Behavioral Sciences

PSYC100	Introduction to Psychology	4
POL110	American Government	3

Course Descriptions

See pages 205-256 to find course descriptions for the courses listed above.

ONLINE Options

This program has an online option for one or more of its courses. Contact Advisor for online option availability. For more information visit online.southcentral.edu



Offered on Faribault Campus

Admission Date: Fall Semester

Carpentry-Cabinetmaking Diploma (66 Credits)

DIP2409

REQUIRED TECHNICAL COURSES

	60
CPCB1800 Carpentry Safety	2
CPCB1810 Basic Construction Remodeling Theory & Job Site Experience IA	4
CPCB1811 Basic Construction Remodeling Theory & Job Site Experience IB	4
CPCB1830 Residential Blueprint Reading	2
CPCB1855 Commercial Blueprint Reading	2
CPCB1860 House Design and Estimating	3
CPCB1875 Cabinetmaking I	2
CPCB1876 Cabinetmaking II	4
CPCB1877 Cabinetmaking III	5
CPCB2802 Advanced Carpentry Theory	2
CPCB2811 Advanced Job Site Experience 1A	5
CPCB2812 Advanced Job Site Experience 1B	5
CPCB2825 Stairway Technology	4
CPCB2830 Framing Square Technology	2
CPCB2835 Advanced Interior Finishing 1A	3
CPCB2836 Advanced Interior Finishing 1B	2
CPCB2850 Exterior Finish	3
CPCB2855 Advanced Concrete Technology	2
CPCB2860 Carpentry/Cabinetmaking Internship	2
HLTH1952 First Aid	1
SBMT1900 Introduction to Small Business Management	1

ELECTIVE CREDITS

LIBERAL ARTS & SCIENCES 6

Students must complete 6 MNTC credits from 2 of the 10 MNTC Goal Areas. Courses must be selected in consultation with advisor/faculty.

Recommended:

MNTC - Goal Area 1: Communications

ENGL100	Composition	4
SPCH100	Interpersonal Communication	3

MNTC - Goal Area 2: Critical Thinking

PHIL100	Ethics in Society	3
SPCH120	Small Group Communication	3

MNTC - Goal Area 4: Mathematical/Logical Reasoning

MATH115	Concepts in Math	4
MATH120	College Algebra	4

MNTC - Goal Area 5: History & The Social & Behavioral Sciences

PSYC100	Introduction to Psychology	4
POL110	American Government	3

Course Descriptions See pages 205-256 to find course descriptions for the courses listed above.

ONLINE Options This program has an online option for one or more of its courses. Contact Advisor for online option availability. For more information visit online.southcentral.edu