



South Central College
Program Design

DIP 2456 Carpentry

Program Information

Instructional Level Technical Diploma

Career Cluster Engineering, Manufacturing & Technology

Description

The Carpentry program prepares students for a career in residential and commercial carpentry. The program coursework includes a mix of technical and general education, theory and hands-on learning experiences starting with the basics in tool usage, construction safety and print reading and progressing to advanced applications of residential and commercial carpentry skills and knowledge.

Program Student Learning Outcomes

- 1 Perform work in a safe and legal manner
- 2 Read and interpret blue prints
- 3 Frame standard residential buildings
- 4 Design, layout, and construct stairways
- 5 Apply exterior finish sidings
- 6 Apply interior finish trim
- 7 Estimate, place and finish concrete

Program Configurations

Fall

Credits

Arts & Sciences	3
Technical Course	28
Total Credits	31

Semester One

Course #	Course Title	Credits	Function
MATH 1050	Mathematics for Technical Careers	3	Arts & Sciences

CARP 1110	Carpentry Tools and Safety	2	Technical Course
CARP 1121	Print Reading	2	Technical Course
CARP 1123	Residential Principles I	5	Technical Course
CARP 1130	Residential Principles II	5	Technical Course

Semester Two

Course #	Course Title	Credits	Function
CARP 2105	Job Site Experience	4	Technical Course
CARP 1239	Interior Finish	4	Technical Course
CARP 1226	Stairway Technology	2	Technical Course
CARP 1229	Exterior Finish	4	Technical Course

Program Course List

Number	Title	Credits	Pre/Corequisites
CARP 1110	Carpentry Tools and Safety	2	Declare Carpentry as a major
CARP 1121	Print Reading	2	
CARP 1123	Residential Principles I	5	Declare Carpentry as a major.
CARP 1130	Residential Principles II	5	CARP 1123 Residential Principles I
CARP 1226	Stairway Technology	2	CARP 1110 Carpentry Tools and Safety CARP 1121 Print Reading CARP 2023 Advanced Principles I
CARP 1229	Exterior Finish	4	CARP 1110
CARP 1239	Interior Finish	4	CARP 1110 Carpentry Tools and Safety CARP 1130 Residential Principles II
CARP 2105	Job Site Experience	4	CARP 1110, CARP 1123
MATH 1050	Mathematics for Technical Careers	3	A score of at least 56 on the Arithmetic portion of the Accuplacer test.