

Carpentry

FACULTY

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<http://www.bates.ctc.edu/Carpentry>

Students prepare for apprenticeship employment in the construction industry, filling positions such as carpenter, framer, concrete worker, and interior and exterior finisher. Off-campus building and remodeling projects provide opportunities for extensive practical training, giving students valuable experience in the trade, from estimating construction projects through all phases of construction. This is a pre-apprenticeship program for the South Puget Sound Carpenters Joint Apprenticeship Training Committee.

Associate of Technology Degree: 90 credits

Carpentry		Credits/Hours
Completion Range: 13-23 Months		
OCARP 091	Occupational Human Relations	1.5/30
OCARP 092	Occupational Communications	1/16
OCARP 093	Occupational Math	3/50
OCARP 094	Applying Safety Principles	5/85
CARP 096	Pre-Apprentice Cutting/Welding	12/200
CARP 110	Plans & Prints	3.5/61
CARP 121	Construction Materials	1.5/30
CARP 122	Hand Tools & Measuring	4/67
CARP 123	Power Tools, Portable & Stationary	6.5/112
CARP 124	Optical Instruments	2.5/45
CARP 201	Foundation Identification & Calculations	4.5/76
CARP 202	Plot Plans & Building Layout	3/54
CARP 203	Foundation Footings	4/65
CARP 204	Foundation Walls	7.5/124
CARP 211	Framing Identification & Calculations	4.5/75
CARP 212	Floor Systems	5.5/93
CARP 213	Wall & Ceiling Construction	6/100
CARP 214	Stairs	3/51
CARP 215	Roof Construction	9/149
CARP 221	Exterior Finish Identification & Calculations	4.5/74
CARP 222	Roofing	5.5/91
CARP 223	Exterior Doors & Windows	5.5/91
CARP 224	Siding	7/116
CARP 231	Interior Finish Identification & Calculations	4.5/80
CARP 232	Interior Floors, Walls & Ceilings	5.5/92
CARP 233	Interior Doors & Windows	5.5/96
CARP 234	Moldings	4.5/76
CARP 235	Cabinetry	4.5/76
CARP 251	Career Advancement Strategies	3/50
CARP 271	Advanced Project	12/200

General Education Requirements

	Credits
100-level or> Human Relations – HREL, PSYCH, SOC or CMST	5
100-level or> Communications – ENGL or CMST	5
100-level or> Mathematics – MATH	5

Certificate of Competency: 80 credits

Carpenter Technician		Credits/Hours
Completion Range: 12-21 Months		
OCARP 091	Occupational Human Relations	1.5/26
OCARP 092	Occupational Communications	1/16
OCARP 093	Occupational Math	3/52
OCARP 094	Applying Safety Principles	5/90
CARP 110	Plans & Prints	3.5/61
CARP 121	Construction Materials	1.5/30
CARP 122	Hand Tools & Measuring	4/67
CARP 123	Power Tools, Portable & Stationary	6.5/112
CARP 203	Foundation Footings	4/65
CARP 204	Foundation Walls	7.5/124
CARP 212	Floor Systems	5.5/93
CARP 213	Wall & Ceiling Construction	6/100
CARP 214	Stairs	3/51
CARP 215	Roof Construction	9/149
CARP 233	Interior Doors & Windows	5.5/96
CARP 234	Moldings	4.5/76

General Education Requirements

	Credits
90-level or> Human Relations – HREL, PSYCH, SOC or CMST	3
90-level or> Communications – ENGL or CMST	3
90-level or> Mathematics – MATH	3

90-level credit units apply toward meeting certificate requirements, but do not apply toward degree requirements.

Certificates of Training

Concrete Foundations: 20.5 credits

Completion Range: 12 Weeks		
OCARP 091	Occupational Human Relations	1.5/26
CARP 201	Foundation Identification & Calculations	4.5/76
CARP 202	Plot Plans & Building Layout	3/54
CARP 203	Foundation Footings	4/65
CARP 204	Foundation Walls	7.5/124

Exterior Finishing: 24 credits

Completion Range: 13 Weeks		
OCARP 091	Occupational Human Relations	1.5/26
CARP 221	Exterior Finish Identification & Calculations	4.5/74
CARP 222	Roofing	5.5/91
CARP 223	Exterior Doors & Windows	5.5/91
CARP 224	Siding	7/116

Interior Finishing: 24.5 credits

Completion Range: 15 Weeks		
OCARP 091	Occupational Human Relations	1.5/26
CARP 231	Interior Finish Identification & Calculations	4.5/80
CARP 232	Interior Floors, Walls & Ceilings	5.5/92
CARP 233	Interior Doors & Windows	5.5/96
CARP 234	Moldings	4.5/76
CARP 235	Cabinetry	4.5/76

Wood Framing: 29.5 credits

Completion Range: 16 Weeks		
OCARP 091	Occupational Human Relations	1.5/26
CARP 211	Framing Identification & Calculations	4.5/75
CARP 212	Floor Systems	5.5/93
CARP 213	Wall & Ceiling Construction	6/100
CARP 214	Stairs	3/51
CARP 215	Roof Construction	9/149