



Carpentry Technology – Residential and Light Commercial Associate in Applied Science Degree 90-109 Credits

This degree program prepares individuals to become successfully employed in the field of construction. Students can also apply these skills to a variety of jobs within the residential construction field. Students can choose to earn a variety of certificates related to residential carpentry, or can earn an AAS in Residential and Light Commercial Carpentry. After completion of the certificates or the degree, students can readily find employment as a carpenter helper for either general or specialty contractors. Generally after a period of time, most students find themselves in jobs such as: lead carpenters, general contractors, specialty contractors, supervisors, vendor representatives, designers, retail sales specialists, building inspectors, or in other construction-related employment such as construction management positions.

Students whose primary language is not English must have successfully completed ESOL Level 3 prior to enrolling in the Carpentry Technology Program.

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Dept./No.	Course Title	Credits
* CARP 113	Foundations and Floor Framing	13
* CARP 114	Wall and Roof Framing	13
* CARP 115	Exterior and Interior Finish	13
CARP 161	Print Reading	3
CARP 162	Stair Design and Construction	4
CARP 163	Rafter Design and Framing Level 1	4
CARP 165	Residential Remodeling Practices	4
CARP 167	Material Estimating	3
CARP 168	Green Construction Principles and Practices	3
INDUS 101	Basic Woodworking	4

Related Instruction Requirements

* Human Relations	11 Hours of Human Relations embedded in these courses. 33 hours total required for the degree	
# Oral Communication	5 credits of Oral Communications-from Related Instruction Requirements	5
# Written	5 credits of Written Communications from Related Instruction Requirements	5
# Computation	ACOMP 101, Computation for the Trades or Completion of MATH 062 or Eligible for MATH 070	0-5

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Electives: *Students must complete a minimum of 16-30 credits from the following classes:*

CARP 164	Intermediate Woodworking and Cabinetry	4
CARP 171	Advanced Cabinetry and Wood Fabrication	4
D T 100	CAD Fundamentals	7
D T 131	Drafting Across the Industries	7
D T 142	BIM Fundamentals using REVIT	5
INDUS 111	Welding Survey	3

Bold face course offered days only. Regular font courses offered nights only

Satisfies related instruction requirements.

NOTE: *Most related instruction courses have prerequisites. Please work with Carpentry advisor for selecting which courses will meet program requirements and scheduling constraints.*