

Carpentry

The Carpentry Apprenticeship at TOCC is based on a curriculum developed by the National Center for Construction Education & Research (NCCER), whose website is www.nccer.org. The following tables show the content of classroom instruction and the number of hours of instruction for each

module. Following the tables are descriptions of the modules. Classroom instruction is complemented by on-the-job training, which is customized for each student. Carpentry is a four-year program, requiring 8,000 hours of training by the student.

First Year (245 hours)

FIRST SEMESTER (Core)	Hours	SECOND SEMESTER	Hours
Basic Safety	15	Orientation to the Trade	2.5
Introduction to Construction Math	15	Building Materials, Fasteners, & Adhesives	7.5
Introduction to Hand Tools	10	Hand & Power Tools	10
Introduction to Power Tools	5	Reading Plans & Elevations	20
Introduction to Blueprints	7.5	Floor Systems	25
Basic Rigging	20	Wall & Ceiling Framing	20
Basic Communication Skills	5	Roof Framing	37.5
Basic Employability Skills	15	Introduction to Concrete & Reinforcing Materials	5
		Windows & Exterior Doors	12.5
		Basic Stair Layout	12.5
Total Semester Hours	92.5	Total Semester Hours	152.5

Second Year (214.5 hours)

FIRST SEMESTER	Hours	SECOND SEMESTER	Hours
Commercial Drawings	25	Drywall Installation	15
Roofing Applications	25	Drywall Finishing	12
Thermal & Moisture Protection	7.5	Doors & Door Hardware	20
Exterior Finishing	35	Suspended Ceilings	15
Cold-Formed Steel Framing	15	Window, Door, Floor, & Ceiling Trim	25
		Cabinet Installation	10
		Cabinet Fabrication	10
Total Semester Hours	107.5	Total Semester Hours	107