

Program Name:

CARPENTRY

2019-2020 SCOPE & SEQUENCE

Secondary Scope & Sequence

- ⦿ Technical - Major units and levels with estimated hours
- ⦿ Academic - Recommended

Subject – Hours	Level I	Estimate of Hours	Level II	Estimate of Hours	Level III	Estimate of Hours	Level IV	Estimate of Hours
Technical	BASIC SAFETY/OCCUPATIONAL ORIENTATION AND PROCEDURES	20	CONSTRUCTION INDUSTRY SAFETY PRACTICES/PROCEDURES	20	MSDS SAFETY PROCEDURES	20	CARPENTRY INDUSTRY SAFETY RULES AND REGULATIONS	20
	IDENTIFICATION OF HAND TOOLS	20	DEMONSTRATION OF HAND TOOLS	40	COSNTRUCTION FOR THE SITE PREPARATION AND LAYOUT	50	FLOOR FRAMING CONSTRUCTION PROJECT	40
	IDENTIFICATION OF POWER TOOLS	30	DEMONSTRATION OF POWER TOOLS	40	FOOTINGS AND FOUNDATIONS	60	WALL FRAMING CONSTRUCTION PROJECT	40
	BUILDING MATERIALS FOR FRAMING AND PLYWOOD	20	ENGINEERED BUILDING MATERIALS	30	FRAMING - FLOOR CONSTRUCTION	60	ROOF FRAMING CONSTRUCTION PROJECT	40
	FASTENERS	20	BLUEPRINT READING PROJECTS	60	FRAMING - WALL CONSTRUCTION	60	EXTERIOR FINISH	90
	THEORY OF BLUEPRINT READING	50	DEVELOPMENT OF SITE PREPARATION AND LAYOUT	70	FRAMING - ROOF CONSTRUCTION	60	INTERIOR FINISH	90
	CARPENTRY MATHEMATICS	50	FOUNDATION ESTIMATION	50	LUMBER ESTIMATION FOR FLOOR, WALLS, AND ROOF	50	ESTIMATION OF INTERIOR AND EXTERIOR CONSTRUCTION	40
	BASIC SHOP PROJECTS	150	CARPENTRY MATHEMATICAL ESTIMATION PROJECTS	50				
English (4)	College Prep English I		College Prep English II		College Prep English III		College Prep English IV	
Math (3)	Algebra I		Algebra II		Geometry		Higher Level College Prep Math (recommended)	
Science (3)	Biology		Chemistry		Physics			
Humanities (covering these courses in any order) (3)	Civics		U.S. History		World History			
Other	Foreign Language I (recommended)		Foreign Language II (recommended)					