

Scope and Sequence Carpentry

Academic Subjects – Career success and postsecondary education success require the same level of college prep coursework. The Pennsylvania Department of Education’s (PDE) focus is to ensure that every student is prepared for college and a career. Academic courses such as applied math or general science cannot be listed on the program’s scope and sequence. PDE’s goal is to have all students perform at the competent or advanced level on the PSSA, and earn the Pennsylvania Skills Certificate on the end-of-program assessment.

Subject (Hours)	Secondary School				Postsecondary Institution			
	Grade 9 (Hours)	Grade 10 (Hours)	Grade 11 (Hours)	Grade 12 (Hours)	First Semester	Second Semester	Third Semester	Fourth Semester
Technical		Basic Construction Safety	Materials	Frame, Finishing & Roofing	BCT 102: Construction Safety and Equipment	ARH 102: Basic Architectural Drawing	ELT 110: Electricity for the Trades	PLH 255: Plumbing, Heat, & AC for the Trades
		Basic hand Tools/ Fasteners	Frame & Finishing	Thermal & Moisture Protection	BCT 103: Construction Hand and Power Tools	BCT 119: Blueprint Reading and Specifications	BCC 239: Intro to Commercial Const	BCC 245: Practical Construction
		Basic Power Tools	Footing & Foundations	Exterior Finishing	BCT 109: Framing Principles	BCT 238: Concrete Construction	BCC 251: Intro to Home Remodel	BCC 247: Interior Trim
		Basic Communication & Employability Skills	Wall, Ceiling, Windows, Doors & Roofs	Cold Form Steel Framing	BCT 110: Site Preparation and Layout	BCC 124: Roof Construction	BCC 236: Interior Finish Materials	BCC 249: Construction Estimation & Mgmt
		Blue Print Reading	Site Prep & Layout	Drywall	BCC 130: Masonry Construction	BCC 140: Brick & Stone Construction	PHO 101: Black & White Photography	BCC 250: Computers in Construction
		Basic Rigging	Stairs, Floors and Concrete	Trim & Hardware				
		Construction Math	Job keeping/seeking	Cabinet Installation & Fabrication				
		Basic Carpentry Principles	OSHA Preparation	Site Prep Layout				
English	College Prep English 9	College Prep English 10	College Prep English 11	College Prep English 12			ENL 010: Communications	
Math	Algebra I	Geometry	Algebra II	Trigonometry	MTH 011: Career Math			
Science	Accl Integrated Science	Biology	Chemistry	Physics				
Humanities	Citizenship	World Cultures	American History I	American Government				
Other	Physical Education	Physical Education	Physical Education	Physical Education				
	Health	Health	Driver's Ed Theory					