

Key
High School Academic
High School Career & Technical
PCC Dual Credit Articulated Courses
1-year Certificate
AAS Degree
University

Sherwood High School

Construction Pathway

This program of study should serve as a guide, along with other career planning materials, as you continue your career path. Courses listed within this plan are only recommended coursework and should be individualized coursework to meet each learner's educational and career goals.

Education Levels	Grade	English / Language Arts	Math	Science	Social Studies / Sciences	Other Required Courses Electives Recommended Electives Learner Activities	*Career and Technical Courses and/or Degree Major Courses	
SECONDARY	9	English	Pre-Algebra	Science	US & World History	Physical Education	Beginning Woods	DIPLOMA
	10	English	Algebra I	Science	US & World History	Health	Woods II	
	11	English	Algebra II	Science	History	Computer Technology	Advanced Woods	
	12	English			History	Applied/Fine Arts, Second Language	Basic Construction	
						Career Credit Elective Courses	Advanced Construction	

PORTLAND COMMUNITY COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations
	FIRST TERM	BCT 102 Residential Printreading	BCT 103 Residential Materials and Methods	BCT 104 Construction Mathematics	BCT 106 Hand Tool/Power Tool Use & Safety		1-year Certificate Building Construction Technology
	SECOND TERM	BCT 101 Principles of Construction Surveying	BCT 127 Concrete Construction I	ARCH 132 Residential Building Codes	ARCH 110 Intro to Architectural Drawing		# Building Construction Laborer # Carpenter # Cabinetmaker # HVAC Technician # Plumber # Millwright # Electrician # Pipelayer
	THIRD TERM	BCT 120 Floor Framing	BCT 121 Wall Framing	BCT 122 Roof Framing I	BCT 123 Roof Framing II		

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PORTLAND COMMUNITY COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations	
	FIRST TERM	BCT 102 Residential Printreading	BCT 103 Residential Materials and Methods	BCT 104 Construction Mathematics	BCT 106 Hand Tool/Power Tool Use & Safety	General Education	Associate of Applied Science Building Construction Technology CIPS# 151001	
	SECOND TERM	BCT 101 Principles of Construction Surveying	BCT 127 Concrete Construction I	ARCH 132 Residential Building Codes	ARCH 110 Intro to Architectural Drawing		<ul style="list-style-type: none"> * Building Construction Manager * Cost Estimator * Machine Manufacturing Technician * Construction and Building Inspector * Surveyor * Architectural & Civil Drafters * Electrical Engineering Technician (See also Engineering/ Architecture Pathway) <ul style="list-style-type: none"> * Welding Technician 	
	THIRD TERM	BCT 120 Floor Framing	BCT 121 Wall Framing	BCT 122 Roof Framing I	BCT 123 Roof Framing II	General Education		
	FOURTH TERM	BCT 128 Exterior Finish	BCT Elective	BCT Elective	SP 215 Small Group Communication Practices	BCT 223 Finished Stair Construction		
	FIFTH TERM	BCT 203 Interior Finish	BCT 219 Cabinetmaking	General Education				

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	SIXTH TERM	BCT 206 Sustainable Construction Practices	BCT 204B Construction Estimating	BCT 211 Remodeling	WR 227 Technical Writing			
UNIVERSITY								