

Key
High School Academic
High School Career & Technical
PCC Dual Credit Articulated Courses
AAS Degree
University

St. Helens High School

Industrial & Engineering -

Drafting Technology 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	LANGUAGE ARTS 9	ALGEBRA 1	PHYSICAL SCIENCE	GLOBEL STUDIES	PE/ HEALTH, FUTURE FOCUS	DRAFTING TECHNOLOGY 1	DIPLOMA
	10	LANGUAGE ARTS 10	GEOMETRY	BIOLOGY	SOCIAL STUDIES	PE/HEALTH	DRAFTING TECHNOLOGY I AND DRAFTING TECHNOLOGY II	
	11	LANGUAGE ARTS 11	ALGEBRA 2	CHEMESTRY	US HISTORY	SPEECH	DRAFTING TECHNOLOGY I AND DRAFTING TECHNOLOGY II AND DRAFTING TECHNOLOGY ADVANCED	
	12	LANGUAGE ARTS 12	CALCULUS	PHYSICS	ONOMICS/CITIZENS	SENIOR PROJECTS	DRAFTING TECHNOLOGY I AND DRAFTING TECHNOLOGY II AND DRAFTING TECHNOLOGY ADVANCED	
COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations	
	FIRST TERM	ARCH 110 Introduction to Architectural Drawing	ARCH 121 Structural Systems 1	ARCH 124 Introduction to Building Systems	ARCH 126 Intro to AutoCAD	ARCH 127 Intro to Google Sketch-Up	Associate of Applied Science Architectural Design/Drafting	

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PORTLAND COMMUNITY	SECOND TERM	ARCH 101 Architectural Graphics I	ARCH 122 Structural Systems II	ARCH 132 Residential Building Codes		ARCH 136 Intermediate AutoCAD ART 215 History of Residential Architecture	# Interior Design # Electrical And Electronics Drafters # Architectural And Civil Drafters # Mechanical Drafters # Electro-Mechanical Technicians # Electrical And Electronic Engineering Technicians # Industrial Engineering Technicians # Mechanical Engineering Technicians
	THIRD TERM	ARCH 111 Working Drawings 1	ARCH 256 Detail Drawings with AutoCAD	ARCH 113 Site Planning	ARCH 123 Structural Systems 3	ARCH 224 Active & Passive Building Systems	

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	TERM	PROGRAM OF STUDY					
PORTLAND COMMUNITY COLLEGE	FOURTH TERM	ARCH 112 Working Drawings II	ART 215 History of American Architecture	General Education			# Interior Design # Electrical And Electronics Drafters # Architectural And Civil Drafters # Mechanical Drafters # Electro-Mechanical Technicians # Electrical And Electronic Engineering Technicians # Industrial Engineering Technicians # Mechanical Engineering Technicians
	FIFTH TERM	ARCH 102 Architectural Graphics 2	ARCH Elective (see list below)	ARCH 133 Commercial Building Codes	ARCH 201 Residential Studio		
	SIXTH TERM	ARCH 202 Commercial Studio	ARCH 280 CE: Architectural Design & Drafting	ARCH Elective (see list below)	General Education		
	Residential Electives		ARCH 110 Intro to Architectural Drawing ARCH 280CE Construction Observation ID 133 Space Planning		ID 135 Professional Practice for Designers ID 138 Introduction to Kitchen & Bath Planning ID 236 Lighting Design		
	Sustainability Electives		ARCH 131 Sustainable Structures ARCH 204 Sustainable Design Studio ID 121 Sustainable Materials for Residential Interiors BCT 206 Sustainable Construction				

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		CAD Electives	ARCH 237 Revit ARCH 140 Chief Architect (Articulated with Adv. Tech Drawing II)				

UNIVERSITY							