

# Portland Community College

## Sherwood High School

### Agriculture Technology Agriculture, Food, & Natural Res. Pathway

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

*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 9	Algebra 1	Integrated Science	World History	Physical Education	Intro to Agricultural Science and Tech	D I P L O M A
							Introduction to Welding	
	10	English 10	Geometry	Biology	US Studies	Health	Plant & Greenhouse Management A	
							Plant & Greenhouse Management B	
							Welding 2	
	11	English 11	Algebra 2	Physics	Computer Technology	Art 1	Animal Science	
							Advanced Metal Fabrication	
							Advanced Ag/Horticulture A	
	12	English 12	CTE/Arts/Second Language	CTE/Arts/Second Language	Government/ Economics	Elective Courses Career Credit	Advanced Ag/Horticulture B	
							Small Engines	
							Wilelife & Forestry	
							CTE Apprentice	

PORTLAND COMMUNITY COLLEGE	TERM	PROGRAM OF STUDY					Certificates/Degrees/Occupations	
	FIRST TERM	CSS 200 Soils and Plant Nutrition	HOR 226 Plant Materials - Deciduous	HOR 227 Plant Materials - Evergreen	HOR 290 Introduction to Landscape Design	LAT 104 Pesticides	One Year Landscape Program	
	SECOND TERM	HOR 228 Plant Materials - Flowering	LAT 106 Basic Horticulture	LAT 108 Landscape Irrigation I	LAT 109 Plant Propagation	LAT 110 Grounds Maintenance	The art and science of professional landscaping requires some very important skills. PCC's Landscaping Technology program offers courses in biology, horticulture, mathematics, and landscape knowledge, providing you with basic skills and a solid foundation.	
	THIRD TERM	LAT 111 Landscape Construction Practices	LAT 236 Landscape Math	LAT 217 Landscape Drafting	LAT 223 Site Surveying and Analysis	HOR 255 Spring Annuals and Perennials		

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	FIRST TERM	CSS 200 Soils and Plant Nutrition	HOR 226 Plant Materials - Deciduous	HOR 227 Plant Materials - Evergreen	HOR 290 Introduction to Landscape Design	LAT 104 Pesticides	Associate of Applied Science Landscape Technology CIPS# 010605	
	SECOND TERM	HOR 228 Plant Materials - Flowering	LAT 106 Basic Horticulture	LAT 108 Landscape Irrigation I	LAT 109 Plant Propagation	LAT 110 Grounds Maintenance	# Landscape and Groundskeeping Workers # Lawn Maintenance Workers # Nursery and Greenhouse Managers # Nursery Workers # Pest Control Workers # Plant Scientists # Tree Trimmers and Pruners	
	THIRD TERM	LAT 111 Landscape Construction Practices	LAT 236 Landscape Math	LAT 217 Landscape Drafting	LAT 223 Site Surveying and Analysis	HOR 255 Spring Annuals and Perennials		
	FOURTH TERM	LAT 241 Turfgrass Cultural Practices	LAT 243 Landscape Business Operations	LAT 264 Landscape Estimating and Bidding	LAT 280A CE: Landscape	General Education		
	FIFTH TERM	MSD 101 Principles of Management and Supervision	CIS 179 Data Communications	CIS 287I Web Server Administration	Elective (see list below)	General Education		
	SIXTH TERM	Elective (see list below)	Elective (see list below)	Elective (see list below)	General Education	General Education		
	Landscape Technology Electives		HOR 291 Landscape Design Process LAT 235 Tree Care-Fall LAT 214 Plant Composition I LAT 240 Tree Care-Spring LAT 219 Landscape Illustration		LAT 232 Landscape Irrigation II LAT 250 Plant Disease, Insects, and Weed ID LAT Native Plants of Oregon LAT 271 Computer Aided Landscape Design LAT 275 Introduction to Landscape Night Lighting			

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UNIVERSITY							