

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

# Sunset High School/Terra Nova

Agriculture Technology

Agriculture, Food, & Natural Res.

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	*Career and Technical Courses and/or Degree Major Courses	Elective Career and Technical Courses	
SECONDARY	9	English 9	Algebra 1	Integrated Science	World History	Physical Education			D I P L O M A
	10	English 10	Geometry	Biology	US Studies	Health	Applied Chemistry		
							Sustainable Foods		
	11	English 11	Algebra 2	Physics	Computer Technology	Art 1	Field Biology		
							Sustainable Practices		
	12	English 12	CTE/Arts/Seco nd Language	CTE/Arts/Seco nd Language	Government/ Economics	Elective Courses Career Credit		Harvest Work Exp 1	

	TERM	PROGRAM OF STUDY						Certificates/Degrees/Occu pations
	FIRST TERM	HOR 113 Organic Farming Practicum/Fall	HOR 124 Food Harvest	HOR 235 Weed Identification	HOR 236 Insect Identification	WR 101 or WR 121 Occupational Writing/English Comp	Organic Farming Elective	One Year Organic Farming Certificate
	SECOND TERM	HOR 135 Propagation of Edible Plants	HOR 136 Organic Farming Practicum/Wint.	HOR 216 Intergrated Pest Management	HOR 237 Disease ID	MTH 050 or MTH 065 Technical Mathematics I or Algebra II (or higher level math)		Farming offers a rewarding path for people with a passion for environmental stewardship, locally grown food, global nutrition, food security and working in the great outdoors. Farmers are
	THIRD	HOR 120	HOR 140	HOR 141 Organic	HOR 148	Organic Farming		

<b>CLACKAMAS COMMUNITY COLLEGE</b>	<b>THIRD TERM</b>	Pesticide Law & Safety	HOR 140 Soils	Farming Practicum/Spring	Farm Equipment	Organic Farming Elective		<p>outdoors. Farmers are entrepreneurs, innovators, idealists and community leaders. Areas of study include: Fruit and berry growing, farm equipment, organic farming and gardening, propagation of edibles. Possible careers include: Farm operation and management Community garden manager Farmer's market manager School garden or Community Supported Agriculture (CSA) Farm operator</p>
	<b>FOURTH TERM</b>	BA 285 or COMM 100 Human Relations in Business/Speech	HOR 146 Fruit and Berry Growing	HOR 284 Organic Farming-Campus Farm/CWE	HOR 285 Organic Farming /CWE			

<b>PORTLAND COMMUNITY COLLEGE</b>	<b>TERM</b>	<b>PROGRAM OF STUDY</b>						<b>Certificates/Degrees/ Occupations</b>
	<b>FIRST TERM</b>	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		<p><b>Associate of Applied Science Landscape Technology CIPS# 010605</b></p> <p>The LAT program offers three degrees The second-year degree courses are more specific to the degree focus and allow students to pursue areas of interest through electives and cooperative education. Completion of the A.A.S. degree satisfies the educational portion of the eligibility requirements to take the State Landscape Contractors Licensing Exam. Some of the career possibilities are: Landscape and Groundskeeping Workers</p>
	<b>SECOND TERM</b>	HOR 228 Plant Materials - Flowering	LAT 106 Basic Horticulture	LAT 108 Landscape Irrigation I	LAT 109 Plant Propagation	LAT 110 Grounds Maintenance		
	<b>THIRD TERM</b>	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		
	<b>FOURTH TERM</b>	LAT 241 Turfgrass Cultural Practices	LAT 243 Landscape Business Operations	LAT 264 Landscape Estimating and Bidding	LAT 280A CE: Landscape	General Education		
	<b>FIFTH TERM</b>	MSD 101 Principles of Management and Supervision	CIS 179 Data Communications	CIS 287I Web Server Administration	Elective (see list below)	General Education		
	<b>SIXTH TERM</b>	Elective (see list below)	Elective (see list below)	Elective (see list below)	General Education	General Education		
			HOR 291 Landscape Design		LAT 232 Landscape Irrigation II			

