

Horticulture

Career Cluster Description: The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.							
Major Options							
Conservation Nursery		Forester Farming		Landscaping Land Management		Biotechnology Agronomics	
Grade 9		Grade 10		Grade 11		Grade 12	
S1	S2	S1	S2	S1	S2	S1	S2
English 1	English 1	English 2	English 2	English Elective	English Elective	English Elective	English Elective
Physical Science	Physical Science	Biology	Biology	Science Elective	Science Elective	Science Elective	Science Elective
Civics	Health	World History	World History	U.S. History	U.S. History	U.S. Govern.	AK History
Algebra I	Algebra I	Geometry	Geometry	Algebra 2	Algebra 2	Advanced Math	Advanced Math
P.E.	P.E.	Elective	Elective	Elective	Elective	Elective	Elective
Intro to Career Pathways	Customer Service	Technology Applications 1*	Technology Applications 2 or 3*	Technical Drafting 1	Desktop Publishing 1	Co-op Work Experience	Co-op Work Experience
Introduction to Agriculture	Introduction to Natural Resources	Introduction for Plant Sciences	Greenhouse Production	Landscape Design	Forestry	Accounting 1	Personal Finance*
Work-Based Learning Opportunities				Career-Technical Student Organizations (CTSO)		Certifications	
<ul style="list-style-type: none"> Apprenticeship Cooperative Education Job Shadowing 		<ul style="list-style-type: none"> Paid/Unpaid Internship School-Based Enterprise Service Learning 		<ul style="list-style-type: none"> Future Farmers of America (FFA) 			

POSTSECONDARY OPTIONS

Two-Year College or Proprietary Programs	Adult Registered Apprenticeships	Four-Year College and University Programs	Certifications	Licenses, On The Job Training, Training Certificates, etc.
Environmental Technology	Department of Labor and Workforce Development, Office of Apprenticeship, email apprenticeship@alaska.gov or your local Alaska Job Center staff who will help you identify apprenticeable occupations and help you prepare for your future. You may also call (877) 724-2539	<ul style="list-style-type: none"> Natural Sciences Botany 		

*College Credits may be available. [Click here for details.](#)