



# PROGRAM OF STUDY



Career Cluster: Agriculture, Food & Natural Resources

Career Cluster Pathway: Agribusiness

This Career Pathway Program of Study can serve as a guide along with other career planning materials as learners continue on a career path. Courses listed within this program are only recommended coursework and should be individualized to meet each learner's education and career goals. **Note:** Many items have links to external resources with more information.

REQUIRED CREDITS	GRADE	English/ Language Arts (4.0 credits)	Social Studies (2.5 credits)	Math (2.0 credits)*	Science (2.0 credits)	Fine Arts (1.0 credits)	Health/ Fitness (2.5 credits)**	Electives (6.5 credits)	Related Career & Technical/ Occupational (1.0 credits)  Certificate and Tech Prep (notation on HS and TP alignment)	SAMPLE Occupations Relating To This Pathway  (*indicates job in high demand) (● indicates a "green" job)	
SECONDARY SAMPLE COURSE OFFERINGS	9	English 1 or Honors English 1	Pacific Northwest History (.5)	Algebra I  Geometry	Integrated Science or Adv Int Science	Credits from Art Courses  <b>or</b>  CTE Equivalent	Health (.5)	Elective courses (6.5)  <b>and</b>  Project Me  <b>and</b>  Other CAA requirements	<b>ASD CTE COURSE OPTIONS</b>  Horticulture Natural Resources Natural Resources II Biotechnology Landscape Design Intro to Banking and Finance Advanced Banking and Finance Work Based Learning CTE Grad Project  <b>LEADERSHIP</b>  FFA  <b>TECH PREP ARTICULATIONS</b>  Natural Resources 1 – Grays Harbor College (5 cr.)  Horticulture - South Puget Sound Community College (5 cr.)  Landscape Design – South Puget Sound Community College (5 cr.)  <b>CERTIFICATION</b>  Work Readiness Credential	<b>Little or No Preparation</b> ● Farm Worker <b>Some Preparation</b> ● Salesperson <b>Medium Preparation</b> ● Farm Manager ● Farmer-Rancher-Feedlot ● Sales Manager ● Livestock Manager ● Dairy Herd Supervisor ● Agricultural Products Buyer/Distributor <b>Considerable Preparation</b> ● Agricultural Commodity Broker ● Agricultural Economist ● Agricultural Educator ● Agricultural Lender ● Banker/Loan Officer ● Civil Engineer for Agricultural, Irrigation, and Water Supply ● CTE Teacher ● Farm Investment Manager ● Produce Commission Manager ● Purchasing Agents and Buyers	
	10	English 2 or Honors English 2	US History	*Class of 2013 (add't 1.0 credit)  <b>or</b>  Algebra II  <b>or</b>	Biology <b>or</b> AP Biology <b>or</b> Biotechnology <b>or</b> Horticulture <b>or</b> Natural Resources I		Credits from Health and Fitness Courses				**Successfully completing two years of physical education and one semester of health is required for high school graduation.
	11	English Electives or Business English	World History <b>or</b> Economics <b>or</b> Economics II	Pre-Calculus  <b>or</b>  Calculus  <b>or</b>  CTE Equivalent	Science Electives						
	12	English Electives or Business English	World History <b>or</b> Economics <b>or</b> Economics II <b>and</b> CWP	(Students must pass a math competency test or have four years of math credits.)							

<b>Technical Certification</b> <i>(instruction provided through certified training and/or testing centers)</i>	<b>Apprenticeship Opportunities</b>	<b>2-yr or ATA Degree</b> <i>(Find specific colleges at <a href="http://www.checkoutacollege.com">www.checkoutacollege.com</a>)</i>	<b>4 –yr Degree or Advanced Training</b>
<p><b><u>Agricultural Business and Management</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> <li>Walla Walla Community College</li> </ul>	<p>To learn more about Apprenticeship, visit <a href="#">Labor and Industries</a> website.</p> <p>This pathway does not currently have any active apprenticeships.</p>	<p><b><u>Agricultural Business and Management</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> <li>Walla Walla Community College</li> <li>Wenatchee Valley Community College</li> <li>Yakima Valley Community College</li> </ul> <p><b><u>Farm Management</u></b></p> <ul style="list-style-type: none"> <li>Centralia Community College</li> </ul> <p><b><u>Floristry Marketing &amp; Mgmt</u></b></p> <ul style="list-style-type: none"> <li>Clover Park Technical College</li> <li>Lake Washington Technical College</li> <li>Spokane Community College</li> </ul> <p><b><u>Greenhouse/Nursery Operations &amp; Mgmt</u></b></p> <ul style="list-style-type: none"> <li>Clark College</li> <li>Edmonds Community College</li> <li>Spokane Community College</li> </ul> <p><b><u>Spray Technician</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> </ul> <p><b><u>Turf &amp; Turfgrass Management</u></b></p> <ul style="list-style-type: none"> <li>Clover Park Technical College</li> <li>Spokane Community College</li> <li>Walla Walla Community College</li> </ul> <p><b><u>Wildlife &amp; Wildlands Science Mgmt</u></b></p> <ul style="list-style-type: none"> <li>Spokane Community College</li> </ul> <p><b><u>Wood Products/Pulp/Paper Tech</u></b></p> <ul style="list-style-type: none"> <li>Columbia Basin Community College</li> </ul>	<p><b><u>Agricultural Business and Management</u></b></p> <ul style="list-style-type: none"> <li>Washington State University</li> <li>University of Washington</li> </ul> <p><b><u>Agricultural Economist</u></b></p> <ul style="list-style-type: none"> <li>Washington State University</li> </ul> <p><b><u>Agronomy and Food Science</u></b></p> <ul style="list-style-type: none"> <li>Washington State University</li> </ul> <p><b><u>Finance</u></b></p> <ul style="list-style-type: none"> <li>Eastern Washington University</li> <li>Seattle Pacific University</li> <li>Seattle University</li> <li>University of Washington</li> <li>Washington State University</li> <li>Western Washington University</li> </ul> <p><b><u>CTE Secondary Education Teacher</u></b></p> <ul style="list-style-type: none"> <li>Education Degree in a CTE program area with 2000 hours of related work experience</li> <li>Industry Route Certificate requires 6000 hours of work experience in the field and completion of a state approved CTE Preparation Program along with passage of Basic Skills Math and English</li> </ul>

\*Data acquired from [www.workforceexplorer.com](http://www.workforceexplorer.com), [www.sbctc.edu](http://www.sbctc.edu), [www.careerclusters.org](http://www.careerclusters.org), and [www.edf.org/cagreenjobs](http://www.edf.org/cagreenjobs),  
 Adapted from <http://www.nthurston.k12.wa.us/education/components/scrapbook/default.php?sectiondetailid=34988>