

PROGRAM OF STUDY



Career Cluster: Transportation, Distribution, and Logistics Management

Career Cluster Pathway: Health, Safety and Environmental

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	9	English 1 or Honors English 1	Pacific Northwest History (.5)	Algebra I Geometry	Integrated Science or Adv Int Science	Credits from Art Courses or CTE Equivalent	Health (.5)	Elective courses (6.5) and Project Me and Other CAA requirements	<u>ASD CTE COURSE OPTIONS</u> Natural Resources I Natural Resources II Horticulture Work Based Learning CTE Grad Project <u>LEADERSHIP</u> FFA SkillsUSA <u>TECH PREP ARTICULATIONS</u> Natural Resources I – Grays Harbor College (5cr.) Horticulture – South Sound Community College (5cr.) <u>CERTIFICATION</u> Work Readiness Credential	<u>Medium Preparation</u> <ul style="list-style-type: none"> • First Responder <u>Considerable Preparation</u> ⊙ Air Pollution Specialist ⊙ Air Quality Specialist and Enforcement Officer <ul style="list-style-type: none"> • Department of Transportation (DOT) Inspector • Environmental Compliance Inspector • Environmental Compliance Specialist • Environmental Protection Specialist • Environmental Scientist • Hazardous Materials Manager • Health and Safety Manager • Industrial Hygienist • Risk Manager • Safety Analyst <u>Extensive Preparation</u> <ul style="list-style-type: none"> • Environmental Engineer • Industrial Health and Safety Engineer 	
	10	English 2 or Honors English 2	US History	*Class of 2013 (add't 1.0 credit) or Algebra II or	Biology or AP Biology or Biotechnology or Horticulture or 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 or Economics or Economics II	Pre-Calculus or Calculus or CTE Equivalent							
	12	English Electives or Business English	World History or Economics or Economics II and CWP	(Students must pass a math competency test or have four years of math credits.)							

Technical Certification <i>(instruction provided through certified training and/or testing centers)</i>	Apprenticeship Opportunities	2-yr or ATA Degree <i>(Find specific colleges at www.checkoutcollege.com)</i>	4 –yr Degree or Advanced Training
Hazmat <ul style="list-style-type: none"> • West Coast Training 	<p>To learn more about Apprenticeship, visit Labor and Industries website.</p> <p>This pathway does not currently have any active apprenticeships.</p>	<p><u>Environmental Engineering Technology</u></p> <ul style="list-style-type: none"> • Clover Park Technical College <p><u>Environmental Tech/Sustainable Practices</u></p> <ul style="list-style-type: none"> • Cascadia Community College • Olympic Community College 	<p><u>Environmental Engineering</u></p> <ul style="list-style-type: none"> • Washington State University

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