

PROGRAM OF STUDY



Career Cluster: Transportation, Distribution, and Logistics

Career Cluster Pathway: Transportation Operations

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> Work Based Learning CTE Grad Project <u>LEADERSHIP</u> FBLA <u>TECH PREP ARTICULATIONS</u> None <u>CERTIFICATION</u> Word Readiness Credential	<u>Little or No Preparation</u> <ul style="list-style-type: none"> ☉ Recycling Collections Driver • Taxi Drivers and Chauffeurs* • Transportation Attendants, Except Flight Attendants and Baggage Porters <u>Some Preparation</u> <ul style="list-style-type: none"> ☉ Alternative Fuel Station Operations • Ambulance Drivers and Attendants, Except EMT • Bus Drivers, School* • Bus Drivers, Transit and Intercity ☉ Bus System Operator • Cargo and Freight Agents/Inspectors • Dispatchers, Except Police, Fire, and Ambulance* ☉ Electric Shipyard Operator • Flight Attendants ☉ Fuel Transporter • Motorboat Operators • Postal Service Mail Carriers • Sailors and Marine Oilers • Subway and Street Car Operator ☉ Train System Operator • Truck Drivers, Heavy and Tractor-Trailer* • Truck Drivers, Light or Delivery Services* <u>Medium Preparation</u> <ul style="list-style-type: none"> • Air Traffic Controllers • Commercial Pilots* <u>Considerable Preparation</u> <ul style="list-style-type: none"> • Aerospace Engineering and Operations Technicians* • Aviation Inspectors <u>Considerable Prep (cont.)</u> <ul style="list-style-type: none"> • Ship, Boat, Marine Captain • Traffic Technicians Airline Pilots, Copilots, and Flight Engineers 	
	10	English 2 or Honors English 2	US History	*Class of 2013 (add't 1.0 credit) or Algebra II	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							
	12	English Electives or Business English	World History or Economics or Economics II and CWP	CTE Equivalent (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
<p><u>Aircraft Pilot and Navigator</u></p> <ul style="list-style-type: none"> • Green River Community College <p><u>Air Traffic Controller</u></p> <ul style="list-style-type: none"> • Green River Community College <p><u>Commercial Driver Training</u></p> <ul style="list-style-type: none"> • Bates Technical College • Bellingham Technical College • Big Bend Community College • Check Ride Driver Training Services • Commercial Driver Services, Inc. • Driver Training And Solutions, Llc • L & T Training • National Transportation Training And Consulting • Seattle Community College • T Enterprises, Inc. • Testyou • Trans Union Training Services • Walla Walla Community College • Western Pacific Truck School <p><u>Water Transportation</u></p> <ul style="list-style-type: none"> • Compass Courses • Pacific Maritime Institute <p><u>Hospitality/Tourism Programs</u></p> <ul style="list-style-type: none"> • Highline Community College • Edmonds Community College • World Leisure Travel Academy <p><u>Selling Skills and Sales Operations</u></p> <ul style="list-style-type: none"> • Bates Technical College • Clark College • Pierce College at Fort Steilacoom 	<p>To learn more about Apprenticeship, visit Labor and Industries website.</p> <p>Follow these steps to learn about the specific apprenticeships available in this pathway:</p> <p><u>STEP 1:</u> Link to Apprenticeship Registration and Tracking System</p> <p><u>STEP 2:</u> Search by using key words below or the SOC code listed</p> <ul style="list-style-type: none"> • Automotive Body (49-3021) • School Bus Driver (53-3022) <p><u>STEP 3:</u> Click “View” and scroll down to find contact name and program standards for qualifications and how to apply</p>	<p><u>Airline/Commercial/Prof Pilot & Flight Crew</u></p> <ul style="list-style-type: none"> • Big Bend Community College • Clover Park Technical College • Green River Community College • South Seattle Community College <p><u>Air Traffic Controller</u></p> <ul style="list-style-type: none"> • Green River Community College <p><u>Aviation/Airway Mgmt & Operations</u></p> <ul style="list-style-type: none"> • Green River Community College <p><u>Commercial Helicopter Pilot</u></p> <ul style="list-style-type: none"> • Green River Community College <p><u>Hospitality/Tourism Programs</u></p> <ul style="list-style-type: none"> • Edmonds Community College • Highline Community College • Lake Washington Technical College • Spokane Community College <p><u>Merchant Marine Officer</u></p> <ul style="list-style-type: none"> • Seattle Central Community College <p><u>Selling Skills and Sales Operations</u></p> <ul style="list-style-type: none"> • Clark College <p><u>Truck & Bus Driver/Commercial Vehicle Operations</u></p> <ul style="list-style-type: none"> • Bate Technical College • Bellingham Technical College • Big Bend Community College • Grays Harbor Community College • Walla Walla Community College 	<p><u>Aviation and Airway Science</u></p> <ul style="list-style-type: none"> • Central Washington University • Walla Walla College <p><u>Aircraft Pilot and Navigator</u></p> <ul style="list-style-type: none"> • Central Washington University

Extensive Preparation
<ul style="list-style-type: none"> • Locomotive Engineer • Ship Engineers

*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>