



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.

REQUIRED HIGH SCHOOL CREDITS	English (4 cr), Social Studies (3 cr), Math (3 cr), Science (3 cr), Health (.5 cr) and Fitness (1.5 cr), Visual and Performing Arts (1 cr), Career and Technical Education (CTE) (1cr), and Personal Pathway Requirements (PPR) (3 cr), Electives (4cr)				
PERSONAL PATHWAY OPTIONS⁺ BOLD = CTE Course 1 – Industry Certification 2 – CTE Dual Credit	AP Env Science, BioTech/Forensics¹², Career Choices, Financial Literacy², Floral Design¹, Green Technology, Greenhouse Management & Operations¹², Home Shop¹², Landscape Design & Construction¹, Project Management¹, Small Gas Engines¹, Sustainable Habitats¹, Vet Science, World Language* <u>NMSC</u> - Pre-Veterinary Technician				
EDUCATION OPTIONS	TECHNICAL CERTIFICATION <i>Instruction provided through certified training centers</i>	APPRENTICESHIP OPPORTUNITIES <i>To learn more about Apprenticeship, visit Apprenticeship WA website</i>	2-YR OR TECHNICAL DEGREE <i>Find specific colleges at SBCTC</i>	4 –YR DEGREE <i>Find specific colleges at Student Achievement Council</i>	
SAMPLES	<ul style="list-style-type: none"> • Agricultural Business • Electrician • Energy Technology • Fisheries Sciences Management • Heavy Equipment Operation/ Commercial Driver License (CDL) • Mechanic Technicians • Power and Customer Operations • Power Utilities Technology • Solar Designer • Zero Energy Building 	<ul style="list-style-type: none"> • Energy Control Dispatcher • Hydro Plant Operator • Landscape Technician • Lineman • Maintenance Mechanic • Meat Cutter • Meter Technician • Power Plant Operator • Stationary Engineer • Tree Trimmer • Water/Wastewater Tech • Wireman 	<ul style="list-style-type: none"> • Engineering Technologies • Fisheries Sciences Mgmt • Floral Design • Aquaculture • Greenhouse Operations Mgmt • Industrial Electrical Technology • Landscaping • Ornamental Horticulture • Plant Nursery Operations Mgmt • Turf Management • Water Treatment Mgmt 	<ul style="list-style-type: none"> • Agricultural Business • Agricultural Engineering • Applied Science in Energy and Process Technology • Renewable Resources • Engineering Technologies • Environmental Sciences • Food Systems Admin • Foods/Nutrition Studies • Forestry • Landscape Architecture • Microbiology • Zoology 	
CAREER OPTIONS	LITTLE OR NO EDUCATION	SOME EDUCATION	MEDIUM EDUCATION	CONSIDERABLE EDUCATION	EXTENSIVE EDUCATION
SAMPLE RELATED JOBS Career Cruising careerbridge.wa.gov Videos	<ul style="list-style-type: none"> • Landscaping • Fishers • Graders and Sorters • Farm workers • Fallers • Small Engine Mechanics • Logging Equipment Operators 	<ul style="list-style-type: none"> • Animal Caretakers • Refuse Collectors • Landscape Supervisors • Pest Control Workers • Operating Engineers • Animal Trainers • Tree Trimmers • Truck Driver 	<ul style="list-style-type: none"> • Environmental Science/Protection Technicians • Water Treatment Plant Operators • Power Plant Operators • Pesticide Handlers • Environmental Engineering Technicians • Vet Technicians 	<ul style="list-style-type: none"> • Environmental Scientists and Specialists • Landscape Architects • Agricultural Inspectors • Forensic Science Technicians • Foresters • Fish and Game Wardens • Natural Resource Manager 	<ul style="list-style-type: none"> • Conservation Scientists • Environmental Engineers • Zoologists and Wildlife Biologists • Soil and Plant Scientists • Food Scientists/ Technologists • Veterinarians

*PPR: related courses that lead to a specific post-high school career or educational outcome chosen by the student and based on the student's interests and High School and Beyond Plan and are intended to provide a focus for the student's learning, which may include Career and Technical Education, one of the required Art credits and/or two credits in the same World Language.

*Two consecutive years of the same World Language are needed for entrance into a 4yr University/College and will meet the PPR requirement.