CTE Career Pathway Readiness Opportunities





High School courses

Career and Technical Education (CTE) courses integrate rigor in academics, and career and leadership skills.

Industry certifications (professional cert) are noted with*

Dual credit (college credit) courses are noted with **

Core Courses	Exploratory Courses	Advanced Courses	Skill Center Courses
Biology and the Environment		AP Environmental Science (9th-12th)	
Chemistry		AP Biology	
		AP Chemistry	
		AP Capstone: Research in Science and Engineering	



Career and Technical Student Organizations (CTSOs)

CTSOs are part of all CTE courses. Students can explore careers, and practice their skills through competition at local, regional and national levels through after school programs.

- Technology Student Association (TSA)
- Future Farmers of America (FFA)
- Environthon Snohomish County



Work based learning

These are learning experiences that provide career guidance and exploration: job shadows, internships, apprenticeships, community speakers, field trips and jobs.

Energy and Sustainability Internship

For more information regarding Everett Public Schools Career Pathways, please contact your high school's career specialist and counselors. Visit the CTE web page on: Everettsd.org

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Pathways to Energy & Sustainability Careers

The Energy and Sustainability pathway will help you understand environmental management, prepare you for careers that promote environmentally friendly practices, energy production, research and more. This path is for you, if you want to make a positive impact on the environment, people's quality of life and future generations.



High Schoo Work based learning Post High School Opportunities

Apprenticeships

- Energy Services (Cities of Ellensburg and Richland)
- Lineman/Meterman (Puget Sound Energy Company)
- Sprinkler Fitter (Inland Fire Protection, Inc.)

Sample Apprenticeship Careers

- Linemen (3)
- Metermen **99**
- Electrical Contractor 99

SKILLS

- Planning skills
- Identifying problems
- Strong math & science skills
- Strong reading skills
- Interest in environmental
- Interest in environmental science

Certificates

- Landscape and Restoration Horticulture
- Urban Agriculture Systems Certified
- Manger of Animal Resources Registered
- **Environmental Professional**

Sample Certificate Careers

- Landscape Designer **(9**
- Water Resource Specialist **6**

TRANSFER



SALARIES

- \$ = Max \$25/hr
- \$ = Max \$26-40/hr
- \$ \$ = Max > \$40/hr

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2-Year Programs

- Engineering >
- Engineering Technology >
- Biology 🔈

Sample 2-year program Careers

- Architectural and Civil Drafters (S)
- Civil Engineering Technicians 66
- Chemical Technicians
- Forest & Conservation Technician (3)
- Food Scientists (3) (3)

4-Year Degrees

- **Environmental Science**
- Organic & Sustainable Agriculture @WSU Everett
- Energy Policy & Management
- **Environmental Engineer**

Sample 4-year degree Careers

- Bioinformatics Scientist
- Biochemists (3)
- Geoscientists 999
- Urban & Regional Planners (3) (3)

