



Pacific Education Institute

Restoration Ecology

CTE Framework Sequence

Pathways to Restoration Careers

Restoration job openings are expected to increase in coming years, yet employers struggle to find applicants with the skills needed to enter this field.

PEI's Restoration Ecology courses prepare the next generation to succeed in restoration careers. Each course is designed to be taught in a block or summer schedule, and students pair class time with hands-on activities at employer sites.



Standards Alignment:

- Designed for use in Career and Technical Education programs
- Next Generation Science Standards
- Agriculture, Food and Natural Resources Career Cluster
- 21st Century Skills
- Social Studies Learning Standards

Sequence Overview:

- Introduction to Restoration Ecology
 - 1 credit: Lab science
- Advanced Restoration Ecology
 - 1 credit: Lab science, social studies, or CTE
 - Designed for dual college credit



Course Units Include:

- Safety and well-being
- Historical, traditional, and natural management practices
- Plant ID and watershed ecology
- Restoration ecology practices
- Laws and agencies
- Career pathways
- Supervised Agricultural Experience

Workforce Partners Include:



PEI's Restoration Ecology frameworks were funded by a Career Connect Washington Program Builder Grant through a USDOL grant. To learn more about funding, follow this QR code.



Entry Level Skills Valued by Employers:

- Safety and teamwork
- GIS, Outlook and Excel
- Ecology and watershed knowledge
- Plant identification
- Ecological monitoring
- Navigation
- Driver's license and clear driving record

"I learned about many careers in natural resources and it opened my eyes to what career I could do in the future. I also expanded my knowledge of native, invasive, noxious weeds, and non-native plants in Washington ecosystems."

-Student Participant

