



# Pacific Education Institute

## Restoration Ecology

### CTE Framework Sequence

## Pathways to Green Jobs

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

PEI's statewide equivalency high school frameworks and industry recognized credentials prepare students succeed in the workforce through career connected learning 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 or Social Studies
  - 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:



WASHINGTON STATE DEPT OF  
**NATURAL RESOURCES**



Washington Office of Superintendent of  
**PUBLIC INSTRUCTION**



WASHINGTON STATE  
Recreation and  
Conservation Office



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

