

Pacific Education Institute

# Forest Management CTE Framework Sequence

## Pathways to Green Jobs

Forestry industry job openings are expected to increase in coming years, yet employers struggle to find applicants with the entry level 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 (CTE) programs
- Next Generation Science Standards
- Agriculture, Food and Natural Resources Career Cluster
- 21st Century Skills
- Washington State English Language Arts (ELA)

## Sequence Overview:

- Introduction to Forest Management
  - 1 credit: Lab Science
- Advanced Forest Management
  - 1 credit Lab Science or English Language Arts
  - Designed for dual credit

## Course Units Include:

- Safety and well-being
- Plant and tree ID
- Tree measurement
- Diseases, insects, and pathogens
- Timber stand management and silviculture
- Fire ecology
- Mapping and land measurement
- Forest practice laws
- Career pathways
- Supervised agricultural experience

## Workforce Partners Include:



PEI's Forest Management 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, Excel
- Technical writing
- Dendrology
- Navigation
- Use of forestry tools
- Driver's license and clean driving record



**Contact PEI to launch a course at your school, district, or skills center**