

Pacific Education Institute

# Forest Management CTE Framework Sequence

## Pathways to Forestry Careers

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 Forest Management course sequence prepares the next generation to succeed in the forest management industry through hands-on 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 or CTE
- Advanced Forest Management
  - 1 credit, lab science, technical writing (ELA) or CTE
  - 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

## 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



**Launch a course at your school, district, or skill center:**



## Workforce Partners Include:

