

# FORESTRY AND NATURAL RESOURCES TECHNOLOGY (FNR)

## About the program

Programs in this field provide basic and advanced educational opportunities for students seeking careers related to forestry and natural resources.

## Degrees/Certificates within this Program:

- Associate of Science Degree, Forestry and Natural Resources Technology, Forest Technology
- Certificate of Achievement, Forest Technology
- Certificate of Recognition, Geomatics

## Similar Degrees/Certificates offered at CR:

- Associate of Science Degree, Civil Design
- Certificate of Achievement, Civil Design

## Career Opportunities

Careers in this area are often field-based and include a wide variety of activities such as inventorying trees, finding and marking Endangered Species locations, measuring streamflow and water quality, designing and monitoring forest road construction, developing and using geographic information systems and global positioning systems, working with prescribed fire or suppressing wildland fires, or fuels management.

## For more information

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www.redwoods.edu/forestry/
- Career & Technical Division, 707-476-4341
- Counseling & Advising, 707-476-4150

## Certificate of Recognition, Geomatics

Program Requirements	Units
DT 23 Engineering Design Graphics or ENGR 23 Engineering Design Graphics	3.0 3.0
FNR 52 Intro to Surveying	4.0
FNR 58 Intro to Aerial Photogrammetry & Remote Sensing	2.0
FNR 65 Intro to GIS	3.0
FNR 66 Spatial Analysis in GIS or FNR 99A Special Topics in GIS	3.0 3.0
FNR 67 Intro to GPS	1.0
<b>Total Units</b>	<b>16.0</b>

*\*Course offered every other year.*

## Suggested Program Sequence

### Fall Start

Semester 1 FNR 52, FNR 65\*, FNR 67

Semester 2 DT 23 or ENGR 23, FNR 58\*, FNR 66 or FNR 99A

## Program Learning Outcomes

- Acquire and interpret spatial data from both local and remote sources.
- Apply common analysis techniques to answer spatially oriented problems.
- Utilize technology and software to develop spatial presentations.
- Explain applications of geomatics in solving resource problems.
- Critically analyze spatial data.