

# Shasta College **LOGGING**



**Shasta College**

[www.shastacollege.edu](http://www.shastacollege.edu)

Shasta College is an equal opportunity educator and employer.

## **HELO**

Heavy Equipment  
Logging Operations



[shastacollege.edu/loggingops](http://shastacollege.edu/loggingops)

# Agenda



- Introductions
- Heavy Equipment Logging Operations Certificate
- Sustainability & Partnerships
- Q & A



# HEAVY EQUIPMENT LOGGING OPERATIONS

## Certificate Program

### SEMESTER ONE

- Intro to Construction Skills and Natural Resources or Beginning Welding (3 units)
- Equipment Operations and Maintenance (3)
- Surveying for Equipment Operators (2)
- Technical Applications of Mathematics or Computers in Agriculture and Natural Resources (3)
- Career Planning and Leadership (2)

Full Time Student

### SEMESTER TWO

- Truck Driving, Class A & B License Training (3 units)
- Heavy Logging Equipment Operations and Maintenance (4)
- Equipment Operations Skills Development (2)
- Intro to Natural Resources (3)

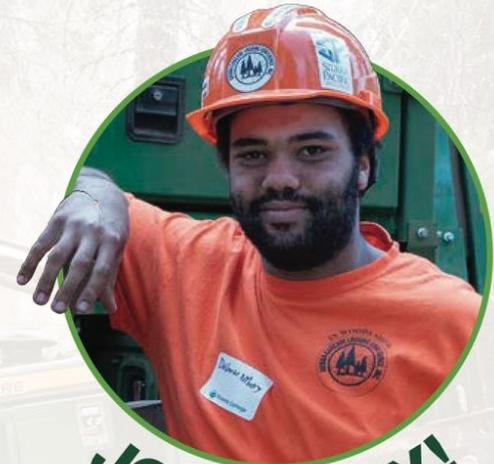
Full Time Student

### REGISTERED APPRENTICESHIP

Logging and Forest Workers  
2,000 Hours OJT

### WORKSITE LEARNING

On-site training with local industry employers (1-8 units)  
Summer Semester + Semester 2, concurrent



**JOB READY!**

# Real World Environment



- Real world experience in a real world environment

- LTOs mentor and engage
- Industry culture is shared



# Future Vision



- Cut-to-Length System
- Mastication
- **BIOMASS**
- Expanded Articulation Opportunities with Partner Colleges and Universities
- Drones: Forestry, Fire Patrol, etc.
- Electric Log Trucks
- Regional Training Center
  - Mass Timber Construction
  - Cogeneration Power
  - Wood Products Innovation



The Design Building at the University of Massachusetts at Amherst  
Image Credit: Alex Schreyer / UMass Amherst

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## Sustainability & Partnerships

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Becky Roe  
Senior Project Coordinator

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# Sustainability



- Commercial Timber Operator's License
- First contract with Sierra Pacific Industries
- Adding log trucks/trailers to Class A/B License Training program
- Utilize contracts/MOUs to align instructional labs with real work





# Shasta College

## Heavy Equipment Logging Operations

PHASE I  
\$3.2 Million  
Forest Health  
Grant  
(2019-2022)



\$500,000  
Registered  
Apprenticeship  
Grant  
(2020-2022)



PHASE II  
\$1.8 Million  
Forest Health  
Grant  
(2020-2023)



CALIFORNIA  
APPRENTICESHIP  
INITIATIVE





Del Logging, Inc.



BIEBER, CA





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