For information concerning enrollment procedures, assessment testing, counseling appointments, fees, registration dates and times, and enrollment applications, contact:

Admissions and Records Office
SHASTA COLLEGE
Administration Building, #100
11555 Old Oregon Trail
P.O. Box 496006
Redding, CA 96049-6006
530.242.7650

Shasta College encourages students to consider nontraditional roles in the job market. Each occupational course/program at Shasta College is available to females and males equally.

For more information on this and other programs, contact the Natural Resources, Industry and Public Safety Division at 530.242.7560

Important
In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975, Shasta College does not discriminate on the basis of race, color, national origin, sex, handicap, or age in employment or in any of its educational programs or in the provision of benefits and services to its students. A lack of English language skills will not be a barrier to participation in vocational education programs and entrance to Shasta College.

Publication produced pursuant to grant agreement 04-139-008, grant amount $68,800. This project was supported by Carl D. Perkins Vocational and Technical Education Act of 1998 (VTEA), Title II funds. Funds awarded by the Chancellor’s Office, California Community Colleges.

The Equipment Operations and Maintenance program:
• Is a Certificate program
• Trains students for employment in federal, state and local government agencies, private industry and in construction companies
A Certificate Program

Learning to operate heavy equipment has always developed employable skills essential to many occupations. The Equipment Operations and Maintenance Certificate Program offered by Shasta College emphasizes the “learning-by-doing” method of instruction on modern up-to-date equipment.

Career Opportunities

Some of the career opportunities available to you using equipment operation and maintenance skills:

Federal Agencies
- Bureau of Indian Affairs
- Bureau of Land Management
- National Park Service
- Soil Conservation Service
- U.S. Forest Service

State Agencies
- Department of Forestry
- Department of Transportation
- Fish and Game

Local Government Agencies
- City Parks and Roads Departments
- County Parks and Roads Departments
- Municipal Agencies

Private Industry
- Equipment Repair Companies
- Erosion Control / Restoration Companies
- Logging Companies
- Lumber Companies
- Private Construction Companies

The Course of Study

Completion of specific courses in equipment operation, diesel mechanics, environmental resources, etc., are required before a certificate can be issued. See the current Shasta College Catalog, which is also available online at http://www.shastacollege.edu.

Advisory Committee Guidance

All of the programs offered by the Agriculture and Natural Resources Division are periodically reviewed by a broad cross section of community business and professional people. These industry representatives help ensure we are offering an up-to-date program.

Hands-On Training

Equipment training includes:

- Bulldozer Compaction Equipment
- Water Truck Motor Grader
- Scraper Backhoe
- Loader Wheel Tractor
- Dump Truck Fork Lift
- Skid Steer Laser Leveling

Program Topics

Heavy emphasis is placed on safety, preoperative checks, basic operational skill development and environmental awareness.

Course topics include:

1. Safety
2. Starting/Stopping Techniques
3. Pre and Postoperative Equipment Checks
4. Job Cost Analysis
5. Equipment Operation
6. Grade Stakes/Surveying
7. Preventive Maintenance Program
8. Moving Soil to Grade
9. Watershed Restoration
10. Ecosystem Sensitivity
11. Transporting Equipment

Student Club

Heavy equipment students can gain leadership skills through participation in our student club, the Shasta College Constructors. This club is affiliated with the Associated General Contractors of California.