

## What You Can Learn in These Courses

- Basic Electrical Wiring, Plumbing & Wiring
- Basic Farm Shop Skills
- Engine Maintenance
- Fence/Outbuilding Maintenance
- Floral Arranging
- Flower/Plant Identification
- Golf and Sports Turf Management
- Machinery/Power Equipment Repair
- Plant/Animal Science & Production
- Tractor/Farm Equipment Operation
- Theories/Principles of Plant and Soil Science

## Industry Partners

John's Dairy Equipment & Supply Company	Martin Ranch Supply
Jerry & Don's Yager Pump and Well Service	American AgCredit
Friedman Brothers Hardware	Sevall, Thwaites & Soper
Sonoma Wine Service	Brocco & Sons Trucking
Brocco's Old Barn, Inc.	Merrill Lynch
Multiple Use Manager Viticulture, Inc.	Mulas Dairy, Inc.
Benziger Vineyards	Gundlach-Bundschu Winery
D.E. Jones & Daughters	USDA Soil Conservation Service
Penngrove Hay & Grain	Peterson Farms
Gatti Nursery	Jacobsen Ranches
Future Farmers of America	Shoemaker & Sons Welding

## Post-Secondary Training Options

### Santa Rosa Junior College

*Certificates:*

Agribusiness  
Animal Science  
Equine Science  
Floristry  
Horticulture  
Viticulture Management

*Areas of Study:*

Agriculture  
Botany  
Natural Resource Management

### Sonoma State University

*Bachelor Degrees:*

Biology, emphasizing Botany  
Biology, emphasizing Zoology  
Business Administration, emphasizing Wine Business Strategies

### University of California

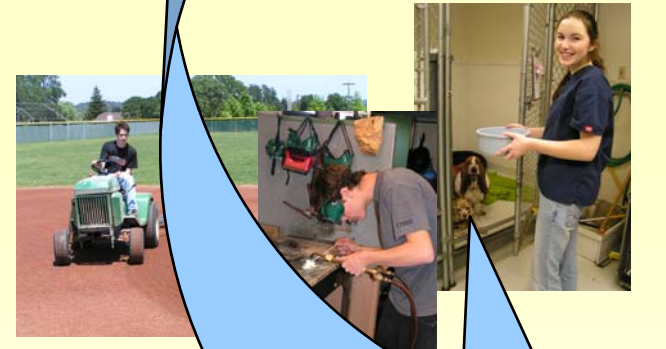
*Bachelor Degrees:*

Agricultural Management & Rangeland Resources  
Animal Science/Management  
Crop Science/Management

## Types of Jobs

Farm Mechanic	Auctioneer
Groundskeeper	Veterinarian
Greenhouse Manager	Veterinary Technician
Livestock Handler	Agricultural Inspector
Ranch/Farm Laborer	Arborist
Nursery Operator	Florist
Vineyard Manager	Plant Biologist
Farmer	Landscape Architect

# Agriculture



# Agriculture Career Preparation

## Why prepare for a career in Agriculture?

If you enjoy being outside, working with plants or animals, have an aptitude for science, and like to work with your hands, then a career in the agriculture industry may be for you.

Agriculture is one of the top industries in Sonoma County. We rank 16th in California and 33rd in the nation in gross farm income. Our local farms grow wine grapes, raise dairy cows and other livestock, supply restaurants with great fruits and vegetables, and much more. Students who take agriculture courses want to work on farms, raise livestock, become veterinarians or animal care technicians, or find jobs operating and repairing farm equipment. Other students are interested in plant biology, landscaping, or floral design.

ROP offers several education and training opportunities to help you prepare for a career in agriculture. A range of careers is available. Some require only entry-level training in high school, while others demand post-secondary training from community college or trade school, or a four-year degree.

## Sample Pathway Schedule

<i>Introductory</i>	Basic Science Core
<i>Intermediate</i>	Ag Mechanics or Power Mechanics or Landscape Design & Management or Floriculture
<i>Advanced</i>	Viticulture or Advanced Agricultural Mechanics or Advanced Agricultural Welding or Fabrication or Veterinary Medicine or Supervised Agricultural Experience, or Ag Coop

## Program Offerings

### Analy High School

6950 Analy Avenue, Sebastopol

- Advanced Agriculture Science

### El Molino High School

7050 Covey Lane, Forestville

- Viticulture

### Elsie Allen High School

599 Bellevue Avenue, Santa Rosa

- Agricultural Mechanics
- Advanced Agricultural Mechanics
- Landscaping
- Supervised Agricultural Experience
- Veterinary Science

### Petaluma High School

201 Fair Street, Petaluma

- Agricultural Welding & Metals Fabrication
- Floriculture
- Supervised Agricultural Experience
- Veterinary Medicine

### Sonoma Valley High School 20000 Broadway, Sonoma

- Agricultural Mechanics
- Advanced Agricultural Mechanics
- Agricultural Science core
- Plant & Soil Science
- Supervised Agricultural Experience

### Windsor High School 8695 Windsor Rd., Windsor

- Agricultural Welding & Metals Fabrication
- Adv. Ag. Welding & Metals Fabrication
- Power Mechanics
- Landscape Design and Management
- Ag Coop\*

## Sample Average Salaries

Ag Equipment Operator \$14.87/hr.

Ag Inspector \$18.33/hr.

1st-line Supervisor \$18.80/hr.

Vet Technician \$15.18/hr.

Landscaper/Groundskeeper \$12.65/hr.

Welders \$20.03/hr.

Food Science Technician \$35.75/hr.

*Median wages in California*

**To enroll in an ROP course, please contact your high school counselor**