

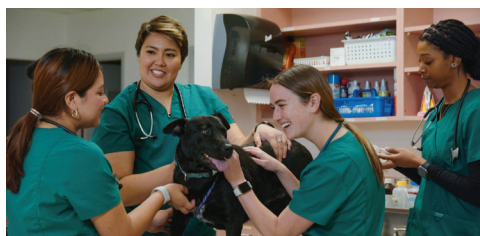
AGRICULTURE, WATER, & ENVIRONMENTAL TECHNOLOGIES

San Diego County



DID YOU KNOW?

Agriculture, Water, and Environmental Technologies offers dozens of programs including sustainable farming practices, veterinary services, forestry conservation and keeping water safe for drinking. Agriculture plays an important role in the State, over a third of the country's vegetables and nearly three-quarters of the country's fruits and nuts are grown in California. Demand for occupations related to the fabrication and repair of mechanized equipment is expected to rise.



8% (2,091)

5-year projected job growth



\$63,245

average earnings per job



Sample of Local Employers

Altman Specialty Plants, LLC.

BrightView Holdings, Inc.

Cargill, Incorporated.

Carlsbad Desalination Plant

City of San Diego - Environmental Services

Cleantech San Diego

The Davey Tree Expert Company

ECOR Global

Helix Water District

Moon Valley Nurseries

Padre Dam Water District

San Diego County Water Authority

San Diego Public Utilities Department

ESSENTIAL SKILLS:

- Finding and evaluating information to make decisions
- Monitoring processes and operations
- Inspecting and repairing machines and equipment
- Documenting and recording information
- Active listening
- Speaking, writing skills
- Working with your hands
- Working outdoors
- Working with computers
- Working with others
- Caring for animals
- Building and maintaining relationships
- Organizing, planning, and prioritizing work
- Solving problems
- Interested in natural resources
- Management skills
- Customer service

SPECIALIZATIONS:

- Small or Large Animal Care
- Geographic Information Systems (GIS) Technicians
- Landscapers

**Labor market data derived from Lightcast 2023.3; QCEW, Non-QCEW, Self-Employed; 2022-2027 projections.*



CAREER PATHWAYS & SALARY INFO

Minimum Education	Career Pathways	Hourly Rate (Salary)*
HS Diploma + Postsecondary Training (e.g., Certificate)	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	\$18 (\$37K)
	Pesticide Handlers, Sprayers, and Applicators, Vegetation	\$19 (\$40K)
	Tree Trimmers and Pruners	\$22 (\$46K)
	Excavating and Loading Machine and Dragline Operators, Surface Mining	\$25 (\$52K)
	Water and Wastewater Treatment Plant and System Operators	\$26 (\$54K)
Associate Degree or Higher	Agricultural Inspectors	\$18 (\$37K)
	Soil and Plant Scientists	\$26 (\$54K)
	Environmental Engineering Technologists and Technicians	\$27 (\$56K)
	Food Scientists and Technologists	\$34 (\$71K)
	Veterinarians	\$36 (\$75K)

*Entry-level hourly rates have been rounded up and salaries are provided as examples of what workers would make if they worked full-time (2080 hours a year)

NOT SURE WHAT YOU'RE INTERESTED IN?

Take the Interest Profiler on the California Career Zone (<https://www.cacareerzone.org/>)! It will help you explore goals based on your interests. A career counselor at your school can help you further assess your career interests.

HOW TO FIND OUT MORE ABOUT CAREERS

- Talk to your teachers and counselors about career exploration, career pathways at your school, and community college career education programs.
- Talk to family, neighbors, and mentors about their education path and about how they chose their career.
- To learn more about the career education programs offered at the community colleges or to find the programs that align to the high school CTE pathways or adult schools, visit <https://careered.org/k14-program-finder/>.



Visit [CareerEd.org](https://careered.org) to find community college programs in Agriculture, Water, & Environmental Technologies.