

IRRIGATION TECHNOLOGY ASSOCIATE IN SCIENCE AND CERTIFICATE OF ACHIEVEMENT



This specialized field focuses on the design, installation and management of landscape irrigation systems. The program is designed for entry level students, those seeking to upgrade existing skills, or those wishing to transfer to a four-year degree program at Cal Poly or other institution. The use of current design theory, installation techniques, and management programs form the heart of the curriculum. Graduates are employed by landscape architects, irrigation consultants, landscape contractors, public agencies or may be self-employed.

Program Learning Outcomes

Upon successful completion of this program, students will be able to:

- Perform work-related functions according to current industry standards.
- Assess and resolve work-related problems using current industry-specific tools and resources.
- Communicate effectively to prospective clients, managers and coworkers in a workplace setting.
- Abide by industry and government regulations regarding occupational health and safety, and/or environmental standards.

Associate in Science Degree Requirements

Code	Title	Units
OH-102	Xeriscape: Water Conservation in the Landscape	2
OH-120	Fundamentals of Ornamental Horticulture	3
OH-140	Soils	3
OH-221	Landscape Construction: Irrigation and Carpentry	3
OH-235	Principles of Landscape Irrigation	4
OH-250	Landscape Water Management	2
OH-290	Cooperative Work Experience Education ¹	3
Select one of the following:		3
BUS-110	Introduction to Business	
BUS-111	Entrepreneurship: Starting and Developing a Business	
BUS-125	Business Law: Legal Environment of Business	
Select nine units from the following:		9
OH-130	Plant Pest Control	
OH-150	Landscape Architecture I	
OH-170	Plant Materials: Trees and Shrubs	

OH-174	Turf and Ground Cover Management
OH-200/CADD-200	Introduction to Computer-Aided Landscape Design ²
OH-225	Landscape Contracting
OH-238	Irrigation System Design
SPAN-120	Spanish I
Total Units	32

Plus General Education Requirements (<https://catalog.gcccd.edu/cuyamaca/degree-requirements-transfer-information/>)

¹ Student must complete six units within the major at Cuyamaca College to be eligible for this course.

² May also be offered at Southwestern College as LA 200.

Certificate of Achievement

Students who complete only the major requirements above qualify for a Certificate in Irrigation Technology. An official request must be filed with the Admissions and Records Office prior to the deadline as stated in the Academic Calendar.