

# LANDSCAPE TECHNOLOGY ASSOCIATE IN SCIENCE AND CERTIFICATE OF ACHIEVEMENT



Landscape installation and management forms the focus of this program. Students will learn the latest methods, materials and techniques in the landscape industry. Those seeking careers in landscape technology are entering a challenging career field that requires knowledge of plant material, turfgrass, landscape and irrigation design, soils, pest control and landscape construction. A professional in the field has the opportunity to be involved in working with people as well as plants as the manager must direct and supervise employees, deal with clients and suppliers, and may become involved in professional organizations. Students entering the landscape industry, those already employed but seeking to upgrade their skills, and those wishing to transfer to Cal Poly or other four-year degree programs will benefit from the curriculum. Graduates are employed by 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-120	Fundamentals of Ornamental Horticulture	3
OH-130	Plant Pest Control	3
OH-140	Soils	3
OH-170	Plant Materials: Trees and Shrubs	3
OH-180	Plant Materials: Annuals and Perennials	3
OH-235	Principles of Landscape Irrigation	4
OH-250	Landscape Water Management	2
OH-290	Cooperative Work Experience Education <sup>1</sup>	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 five units from the following:		5-5.5
OH-102	Xeriscape: Water Conservation in the Landscape	
OH-105	Edibles in Urban Landscapes	
OH-150	Landscape Architecture I	
OH-151	Landscape Architecture II	
OH-174	Turf and Ground Cover Management	
OH-220	Landscape Construction: Concrete and Masonry	
OH-221	Landscape Construction: Irrigation and Carpentry	
OH-222	Japanese Garden Design and Construction	
OH-225	Landscape Contracting	
OH-255	Sustainable Urban Landscape Principles and Practices	
OH-260	Arboriculture	
OH-275	Diagnosing Horticultural Problems	
SPAN-120	Spanish I	

**Total Units** **32-32.5**

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

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

## Certificate of Achievement

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