

## Viticulture Level 1

**Award Type:** Certificate of Achievement 16 or more semester units

The Viticulture Level 1 Certificate of Achievement is designed for students preparing for careers such as vineyard plant management, vineyard pest management, vineyard irrigation, or fertilizer sales. Some level 1 positions might be titled vineyard technician, crew/equipment supervisor, or assistant vineyard supervisor.

**The graduate of the Certificate of Achievement 16 or more semester units in Viticulture Level 1 will:**

- Use basic ideas and concepts in viticulture, including biology, and ecophysiology of vines and grape cultivars, to work in the viticulture industry.
- Assess and differentiate the effects of viticultural activities and processes in final grapes and wines produced phenology using sustainable and ecological processes.

### Program Requirements

**A total of 23 units is required for the certificate. Required core courses (17 units):**

Course Number	Course Title	Units
VEN 102	Introduction to Viticulture	3.0
VEN 120	Viticulture Operations 1	3.0
VEN 121	Viticulture Operations 2	3.0
VEN 125	Introduction to Soil Science	4.0
VEN 130	Integrated Pest Management	4.0

**Plus a minimum of 6 units selected from the following:**

Course Number	Course Title	Units
VEN 122	Viticulture Operations 3	1.0
VEN 135	Grapevine Physiology	1.0
AG 149	Cooperative Work Experience: Occupation	1.0 - 8.0 units
VEN 307	Vineyard Irrigation	3.0
VEN 324	Small Acreage Grapegrowing	1.0
VEN 330	Harvest Boot Camp	0.5
VEN 331	Practical Wine Appreciation	0.5