

## **AGRICULTURE - LANDSCAPE PRACTICES CERTIFICATE OF ACHIEVEMENT**

The Landscape Practices certificate program provides students with the knowledge and skills necessary for employment in landscape design, landscape installation, maintenance of landscapes, tree care industry and supply/equipment sales. Students will study basic plant biology and will learn to assess a plant's maintenance needs. Landscape design, irrigation, installation and maintenance will also be studied. Students will have the opportunity to work hands on with plants in the school's various landscapes and will learn to use the tools and techniques of the trade.

### **Required Courses:**

		<b>Units</b>
AGR 75	Pruning	1
AGR 100	Plant Pest and Disease Management	3
AGR 108	Soils and Fertility Management	3
AGR 140	Introduction to Horticulture	3
AGR 142	Landscape Maintenance	3
AGR 151	Landscape Irrigation	2
AGR 154	Landscape Construction	3
AGR 240	Plant Identification-Fall	3
AGR 241	Plant Identification-Spring	3

### **Plus 3 additional units selected from the following:**

		<b>Units</b>
AGR 53	Landscaping with Native Plants	3
AGR 147	Greenhouse Projects	1 - 3
BUS 132	Entrepreneurial Management	3
CED 196	Occupational Work Experience Education	1 - 8

### **Total units required for Certificate**

**27**

### ***Program Level Student Learning Outcomes:***

1. Demonstrate a working knowledge of a variety of plants and their cultural requirements.
2. Demonstrate a working knowledge of basic plant biology.
3. Demonstrate a thorough understanding of how to assess a plant's maintenance needs including pruning, fertility, managing of pests and diseases.
4. Demonstrate a working knowledge of how to plan, install and repair basic irrigation systems.
5. Demonstrate a working knowledge of landscape design planning, including basic rules of placement, shapes, textures, and spacing.
6. Demonstrate a basic knowledge of landscape plan interpretation, construction and the tools used in the installation of a landscape.