

# LANDSCAPE DESIGN - LEVEL II (CERTIFICATE T0396)

## Natural Sciences Division Certificate T0396

This certificate is designed to give students advanced skills in landscape design, including computer aided drafting and advanced horticultural knowledge. Landscape Design 1 Certificate requirements must be met prior to obtaining this certificate. The courses in Landscape Design II are designed to enable students to prepare for exciting careers in the essential and diverse horticulture profession. Careers in nursery management, retail garden centers, landscape design, installation and maintenance, arboretum and botanic gardens, arboriculture, interior landscaping, education, and research are just some options. This certificate is part of the comprehensive agricultural sciences program. The program is unique in that most courses provide hands-on experience and are designed to give the student a combination of practical skills and technical knowledge.

### Required Courses

Course Prefix	Course Name	Units
	Completion of the Landscape Design - Level I coursework	18
	PLUS	
	Landscape Design - Level II coursework	18
	Total Units	36

Course Prefix	Course Name	Units
	Landscape Design - Level I Coursework	
AGOR 1	Horticultural Science	3
AGOR 13	Landscape Design	3
AGOR 29	Ornamental Plants - Herbaceous	3
AGOR 30	Ornamental Plants - Trees and Woody Shrubs	3
AGOR 50	Soil Science and Management	3
AGOR 71	Construction Fundamentals	3
	Total Units	18

Course Prefix	Course Name	Units
	Landscape Design - Level II Coursework	
AGOR 14	Advanced Landscape Design	3
AGOR 24	Integrated Pest Management	3
AGOR 51	Tractor and Landscape Equipment Operations	3
AGOR 62	Irrigation Principles and Design	3
AGOR 72	Landscape Hardscape Applications	3
AGOR 73	Landscaping Laws, Contracting, and Estimating	3
	Total Units	18

Horticulture Website (<http://www.mtsac.edu/horticulture/>)

Guided Pathways of Study Suggested Course Sequence (<https://www.mtsac.edu/guided-pathways/pathway-results.html?pthwyvar=T0396&desc=Landscape+Design%2C+Certificate+Level+II+T0396>)

### Program Learning Outcomes

*Upon successful completion of this program, a student will be able to:*

- evaluate a site and develop a functional design that meets client criteria.

- identify and correctly use the proper tool needed for landscape projects.
- explain the binomial method of plant nomenclature.
- give a professional quality oral presentation.
- evaluate the soil conditions at an existing site and make specific recommendations for the immediate and long-term correction of all problems.
- make a professional landscape design presentation to a customer.
- be technically proficient at computer aided design (cad).

Review Student Learning Outcomes (SLOs) (<http://www.mtsac.edu/instruction/outcomes/sloinfo.html>) for this program.