ECOLOGICAL LANDSCAPER, SHORT-TERM TECHNICAL CERTIFICATE

Curriculum Code #7192

Effective May 2025

Division of Science and Mathematics (http://catalog.lorainccc.edu/academic-programs/science-mathematics/)

This program provides the basic training needed to begin a career in ecological landscaping. Students gain skills and knowledge in plant and soil science, exterior and interior landscape design, permaculture design, and small business creation. This certificate will give students a distinct advantage when applying for jobs in landscaping and the horticulture industry. There is a need for skilled employees with a sustainability mindset. This certificate is stackable into the AAS in Sustainable Agriculture. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

For information about admissions, enrollment, transfer, graduation and other general questions, please contact your advising team (https://www.lorainccc.edu/admissions-and-enrollment/advising-and-counseling/).

More program information can be found on our website. (https://www.lorainccc.edu/sciences/)

Credit for Prior Learning (PLA) options may be available for your program. For more information, please visit our website: www.lorainccc.edu/PLA (http://www.lorainccc.edu/PLA/)

Program Learning Outcomes

1. Demonstrate knowledge of techniques, tools and technical skills, needed in ecological landscaping.

2. Work productively and collaboratively in a greenhouse environment, as an individual, a member of a problem-solving team, and a social network builder within the landscape design community.

3. Apply entrepreneurial knowledge and skills to explore new landscaping enterprises within the local economy.

First Year

Fall Semester		Hours
SAGR 105	INTRODUCTION TO LIVING LANDSCAPES [2]	3
SAGR 112	BUSINESS PRINCIPLES OF SUSTAINABLE AGRICULTURE [2]	3
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY [1]	1
	Hours	**7**
Spring Semester		
SAGR 106	SOIL MANAGEMENT AND CONSERVATION [2]	3
SAGR 113	PLANT PROPAGATION [2]	2
	Hours	**5**
Summer Semester		
SAGR 117	PERMACULTURE DESIGN: PRINCIPLES AND APPLICATIONS [2]	5
	Hours	**5**
	Total Hours	**17**

[1]

A student must register for the orientation course when enrolling for more than six credit hours per semester or any course that would result in an accumulation of 12 or more credit hours.

[2]

This course offers an opportunity for experiential learning.

[3]

Students can substitute SAGR 170, SAGR 287, SAGR 288, SAGR 289, and SAGR 299 for any SAGR course of equal credit-hour value.

Program Contact(s):

Ruby Beil
440-366-7222
rbeil@lorainccc.edu