

# SUSTAINABLE AGRICULTURE, ONE-YEAR TECHNICAL CERTIFICATE

Curriculum Code #7195

Effective May 2024

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

The one-year technical certificate in sustainable agriculture will allow LCCC students to explore careers in agriculture and food systems. Students will learn key sustainability and land stewardship skills as they study the interactions between food, human health, and ecosystem services. Students will contribute to the production, distribution and marketing of locally grown produce through hands-on experiences with local farmers and growers. Students completing this program will acquire the fundamental skills to start their own agricultural enterprise or continue on for the AAS degree. Some courses require travel to off-campus sites. Lorain County Community College has articulation agreements with colleges and universities including programs offered by LCCC's University Partnership.

## Preferred Sequence

Fall Semester		Hours
SDEV 101	INTRODUCTION TO THE LCCC COMMUNITY <sup>2</sup>	1
ENGL 161	COLLEGE COMPOSITION I	3
MTHM 168	STATISTICS <sup>3</sup>	3
SAGR 101	FALL CROP PRODUCTION <sup>1</sup>	3
SAGR 114	INTRODUCTION TO SUSTAINABLE AGRICULTURE <sup>1</sup>	3
SAGR 112	BUSINESS PRINCIPLES OF SUSTAINABLE AGRICULTURE <sup>1</sup>	3
<b>Hours</b>		<b>16</b>
Spring Semester		Hours
ENTR 200	ENTREPRENEURSHIP	3
BIOG 165	INTRODUCTION TO ECOLOGY <sup>1</sup>	3
SAGR 102	SPRING CROP PRODUCTION <sup>1</sup>	3
SAGR 105	INTRODUCTION TO LIVING LANDSCAPES <sup>1</sup>	3
SAGR 106	SOIL MANAGEMENT AND CONSERVATION <sup>1</sup>	3
SAGR 113	PLANT PROPAGATION <sup>1</sup>	2
<b>Hours</b>		<b>17</b>
<b>Total Hours</b>		<b>33</b>

1

This course offers an opportunity for experiential learning.

2

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 13 more credit hours.

3

Students transferring to Central State or OSU for a Bachelor's in Sustainable Agriculture should take MTHM 172.

4

Students can substitute SAGR 118, SAGR 170, SAGR 287, SAGR 288, SAGR 289, and SAGR 299 for any SAGR course of equal credit-hour value. Students are recommended to meet with the Program Coordinator prior to identifying a substitution.

Program Contact(s):

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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/sustainable-agriculture/sustainable-agriculture-one-year-certificate/>)

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)  
(<http://www.lorainccc.edu/PLA/>)

1. Demonstrate knowledge of techniques, tools and technical skills, needed in farm production and farm management, including those needed to qualify for applicable industry credentials.
2. Work productively and collaboratively in an agricultural environment, as an individual, a member of a problem-solving team, and a social network builder within the farming community.
3. Contribute to the production, distribution and marketing of locally grown produce.
4. Apply entrepreneurial knowledge and skills to develop agricultural enterprises and market new products and services within the local food economy.