

AGRICULTURE AGRICULTURAL OPERATIONS PATHWAY

Business Division

2021-2022

The agriculture program at Monroe County Community College provides students with a solid background in plant and soil science, precision agriculture, agriculture management, entomology, plant pathology and additional fundamentals of agriculture.

Career Opportunities in Ag Operations

Graduates typically will find employment opportunities in:

- Crop and farm product processing facilities
- Crop production management
- Equipment retail sales and service
- Farm operations
- Production and agriculture service companies

Program and Transfer Information

Michigan State University and MCCC have partnered together to offer students an opportunity to earn a certificate in agricultural operations and an associate of applied science in agriculture. The certificate, awarded by MSU, will include 34 credits of agriculture-oriented courses through the Institute of Agricultural Technology, combined with a minimum of 26 additional credits from MCCC to total 60 credits.

The associate of applied science awarded by MCCC will include 34 credits offered by the MSU/Institute of Agricultural Technology plus 19-20 general education credits and a minimum of 6-7 elective credits from MCCC to equal 60 total credits.

Students wishing to work toward a bachelor's degree may receive preferred transfer status at Michigan State University after earning the associate degree at MCCC.



For more information, please contact:
Andrew McCain, program coordinator
734.384.4155 or amccain@monroeccc.edu.

Courses Delivered By The Michigan State University- Institute of Agriculture Technology

**Credits
28**

ABM 130 (Farm Management I)	3
AE 131 (Agricultural Water Resource Management)	3
AE 143 (Application of Precision Agriculture Technologies)	3
AT 202 (Agricultural Regulation, Compliance and Safety)	3
AT 293 (Professional Internship in Agricultural Technology)	3
CSS 101 (Introduction to Crop Science)	3
CSS 105 (Agricultural Industries Seminar)	1
CSS 126 (Introduction to Weed Management)	2
CSS 143 (Introduction to Soil Science)	2
ENT 110 (Applied Entomology of Economic Plants)	3
PLP 105 (Fundamentals of Applied Plant Pathology)	2

A minimum of 6 additional MSU CANR/IAT credits must be completed with approval from the program coordinator. . . . 6

Total MSU/IAT Program Credits 34 credits



Courses Delivered By Monroe County Community College

	Credits
General Education Competency Requirements 19-20	
C1 Natural Science Graduation Elective	4
C2 Mathematics Competency Elective	3 or 4
C3 ENGL 151 (English Composition I)	3
C4 BMGT 160 (Managing in the Digital Enterprise) or CIS 130 (Introduction to Computer Information Systems)	3
C5 Human Experience Competency Elective	3
C6 Social Systems Competency Elective	3

See the General Education Requirements on the MCCC website for a list of courses that satisfy the General Education Learning Competencies.

Students must also complete additional elective 6-7 credits offered at MCCC.

	Credits
<i>(Recommended options, not limited to those listed)</i>	
ACCTG 151 (Accounting Principles)	4
ACCTG 152 (Accounting Principles)	4
AST 102 (Electrical Systems I)	4
BIOL 156 (Introduction to Environmental Science)	4
BIOL 251 (Elements of Botany)	4
BUSAD 151 (Introduction to Business)	4
BUSAD 170 (Small Business and Entrepreneurship)	3
BMGT 160 (Managing in the Digital Enterprise)	3
BMGT 201 (Principles of Management)	3
BSLW 251 (Business Law)	4
CHEM 150 (Fundamental Principles of Chemistry)	4
ESC 151 (Earth Science)	4
ECON 251 (Principles of Macroeconomics)	3
ECON 252 (Principles of Microeconomics)	3
ELEC 125 (Fundamentals of Electricity)	3
GEOG 151 (Elements of Physical Geography)	4
MCOM 201 (Principles of Marketing)	3
MET 151 (Introduction to Meteorology)	4
WELD 100 (Introduction to Welding Processes)	4

**Total credits needed to earn both a
MSU Certificate in Agricultural Operations and a
MCCC Associate of Applied Science. 60 credits**



Information contained within this document is subject to change. This program sheet may not be considered as an agreement or contract.

Monroe County Community College is an equal opportunity institution and adheres to a policy that no qualified person shall be discriminated against because of race, color, religion, national origin or ancestry, age, gender, marital status, disability, genetic information, sexual orientation, gender identity/expression, height, weight or veteran's status in any program or activity for which it is responsible. If you have a disability and need special accommodations, please contact the Student Success Center (734.384.4167) at least 10 business days prior to the first class session to begin the accommodation process.

The college's Equal Opportunity Officer and Title IX and Section 504/ADA Coordinator and Compliance Officer for discrimination and sexual harassment is the Director of Human Resources, Monroe County Community College, 1555 South Raisinville Road, Monroe, Michigan 48161, 734.384.4245.

Monroe County Community College is accredited by the Higher Learning Commission, www.hlcommission.org, 800.621.7440.

Main Campus
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734-242-7300 / 1-877-YES-MCCC

Whitman Center
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734-847-0559



www.monroecc.edu | Admissions: 734-384-4104