



Agricultural Technology A.A.S.

Curriculum Code: 1451

Effective: Fall 2021 – Summer 2026

Description

The agricultural technology degree is designed to train individuals to work in agri-business or in various other aspects of the agricultural industry, depending upon the specific Certificate program completed at Michigan State University (MSU). MSU certificates include Agricultural Industries, Dairy Management, Electrical Technology, Fruit, Vegetable and Organic Horticulture Management, Horse Management, Landscape and Nursery Management, Livestock Industries, Sports and Commercial Turf Management, and Turfgrass Management Golf Course. This program is offered through a joint agreement between Lansing Community College (LCC) and the Michigan State University Institute of Agricultural Technology (IAT), with Major courses taught by MSU and General Education courses taught by LCC.

Additional Information

Students may enter this curriculum in one of two ways. A student may begin at LCC, taking general education classes, and apply to the IAT for admittance to one of the specific concentration listed above. Alternatively, students may be admitted first to a specific Certificate program in the IAT and then decide to enter the joint program to receive the AAS degree. Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any course.

Contact Information

Contact the Science Department, Arts and Sciences Building, Room 3203, telephone number 517-483-1092; the Academic Advising Department, Gannon Building - StarZone, telephone number 517-483-1904; or the MSU Institute of Agricultural Technology, Room 120 Agriculture Hall on the MSU campus, telephone number 517-355-0190.

General Education – Applied Degrees, Recommended Courses

(For the full list of options, see [General Education](#))

- English Composition or Applied English – *Select one*
ENGL 121, Composition I, 4 credits / 4 billing hours
ENGL 122, Composition II, 4 credits / 4 billing hours
ENGL 131, Honors Composition I, 4 credits / 4 billing hours
ENGL 132, Honors Composition II, 4 credits / 4 billing hours
- English Composition (second course) or Communications or Applied Communications – *Select one*
COMM 110, Communication in the Workplace, 3 credits / 3 billing hours
COMM 120, Dynamics of Communication, 3 credits / 3 billing hours
COMM 130, Fundamentals Public Speaking, 3 credits / 3 billing hours
COMM 240, Interpersonal Communication, 3 credits / 3 billing hours

- Humanities and Fine Arts or Social Sciences or Applied Social Sciences – *Select one*
 ECON 120, Power, Authority and Exchange, 4 credits / 4 billing hours
 HUMS 213, World Civilizations to 1600, 4 credits / 4 billing hours
 HUMS 214, World Civilizations from 1600, 4 credits / 4 billing hours
 SOCL 120, Introduction to Sociology, 4 credits / 4 billing hours
- Mathematics or Applied Mathematics – *Select one*
 MATH 119, Math - Applications for Living, 4 credits / 4 billing hours
 MATH 120, College Algebra, 4 credits / 4 billing hours
 STAT 170, Introduction to Statistics, 4 credits / 4 billing hours
 STAT 215, Intro to Probability and Stats, 4 credits / 4 billing hours
- Natural Sciences Lab or Applied Sciences or Technology Lab – *Select one**
 BIOL 127, Cell Biology, 4 credits / 6 billing hours
 CHEM 151 and 161, General Chemistry Lecture/Lab I, 5 credits / 7 billing hours

**Students who have completed MSU ANS 242, CSS 101 and CSS 101L, or HRT 213 and 213L with grades of 2.0 or higher will satisfy the Applied Science requirement. Students should contact their advisor for information.*

MSU Agricultural Technology Courses

48 Credits - Required Agricultural Technology certificate from Michigan State University

Institutional Requirements

Choose an appropriate Lansing Community College course or courses so that the total number of credits taken at LCC is 15 or more per college policy, and so that at least 60 credits are earned toward the degree. Part of this requirement may automatically be fulfilled if a student completes 15 or more credits of the General Education – Applied Degree courses.

Total Credit Hours

67-68 credits / 21-22 billing hours

Recommended Course Sequence

Semester I	Semester II
Agricultural Technology courses from MSU	Agricultural Technology courses from MSU

Semester III	Semester IV
Agricultural Technology courses from MSU	English Composition or Applied English English Composition (second course) or Communications or Applied Communications Humanities and Fine Arts or Social Sciences or Applied Social Sciences Mathematics or Applied Mathematics Natural Sciences Lab or Applied Sciences or Technology Lab