



## **Agricultural Technology A.A.S.**

Curriculum Code: 1451

Effective: Fall 2019 – Summer 2024

### **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 301, 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 Core Courses, Recommended Choices**

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

- Communication – *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, Fund of Public Speaking, 3 credits / 3 billing hours  
COMM 140, Interpersonal Communication, 3 credits / 3 billing hours
  
- Global Perspective and Diversity – *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

- Math – *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
- Science – *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
- Writing – *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

**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 to satisfy the General Education Core Areas.

**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	Communication Core Global Perspectives and Diversity Core Math Core Science Core Writing Core