

## LANSING COMMUNITY COLLEGE

### CURRICULUM GUIDE

Agricultural Technology  
Associate in Applied Science Degree

Curriculum Code: 1451 (Effective Fall 2016 – Summer 2021)

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). This program is offered through a joint agreement between Lansing Community College (LCC) and the Michigan State University Institute of Agricultural Technology (IAT). Concentrations within this degree include Dairy Management, Beef Cattle Management, Horse Management, Swine Management, Turf Grass/Golf, Turf Grass/Sports, Agricultural Industries and Organic Farming, Electrical Technology, and Landscape and Nursery.

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.

#### PREREQUISITES

Students should see [Course Descriptions](#) for course prerequisite information. See [Academic Assessment and Placement Testing for Student Success](#) for skills assessment and advising information.

#### INFORMATION

Contact the Science Department, Arts & 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.

#### LIMITED CHOICE REQUIREMENTS

**TOTAL: 60–62 CREDITS**

Complete the indicated number of credits from **EACH CHOICE** listed below.

**CHOICE 1: [General Education Core Areas](#)****16–22 Credits**

(Click the link above for information on how to fulfill these requirements. Core area proficiency exams, where appropriate, are available for each core area.)

Communication Core Area (See Note 1)	3–4
Global Perspectives and Diversity Core Area	3–4
Mathematics Core Area (See Note 2)	3–5
Science Core Area (See Note 3)	4–5
Writing Core Area (See Note 4)	3–4

**CHOICE 2: MSU Agricultural Technology Courses (See Note 5)****32–40 Credits**

Required Agricultural Technology certificate from Michigan State University

**CHOICE 3: Institutional Requirement****0–12 Credits**

Choose any Lansing Community College class or classes so that the total number of credits taken at LCC is 15 or more per college policy. This requirement may automatically be fulfilled if a student completes 15 or more credits to satisfy “CHOICE 1”.

**MINIMUM TOTAL****60****NOTES:**

1. Students may choose any approved Communication core course. SPCH 110, SPCH 120 or SPCH 130 is recommended.
2. MATH 121 or MATH 122 is recommended for those who intend to enter a Bachelor’s program.
3. Students may choose any approved Science core course. BIOL 127 or CHEM 151 & 161 is recommended.
4. WRIT 121 or WRIT 131 is recommended.
5. A specific Agricultural Technology certificate from Michigan State University is required to fulfill this requirement.
6. A 2.0 grade or higher is required in all courses used to satisfy this degree.
7. The following CANNOT be used for degree requirements:
  - a) courses numbered below 100
  - b) courses in Mathematics or Statistics that are not listed on the LCC [General Education Core Areas](#) or the [Michigan Transfer Agreement](#)
  - c) courses in Writing numbered below 118
  - d) courses in English as a Second Language
  - e) courses in Reading
  - f) courses in non-technical Vocabulary
  - g) courses in Academic Experience numbered other than 101
  - h) courses in Student Development numbered other than 101