

LANSING COMMUNITY COLLEGE

CURRICULUM GUIDE

Agricultural Technology
Associate in Applied Science Degree

Curriculum Code: 1451 (Effective Fall 2009 – Summer 2014)

The agricultural technology program 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 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 or counselor before enrolling in any course.

PREREQUISITES

Students should see *Course Descriptions* or *Course Offerings* for course prerequisite information. See the *Assessment and Placement Testing* section for skills assessment and advising information.

INFORMATION

Contact the Science Department, Arts and Sciences Building, Room 301, telephone number (517) 483-1092; Counseling and Advising Center, Gannon Building, Room 204, telephone number (517) 483-1904; or the MSU Institute of Agricultural Technology, Room 121 Agriculture Hall on the MSU campus, telephone number (517) 355-0190.

LIMITED CHOICE REQUIREMENTS

TOTAL: 60-66 CREDITS

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

CHOICE 1: General Education Core Areas

15-21 Credits

(See *General Education Core Requirements* 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 (See Note 2)	3-4
Mathematics Core Area (See Note 3)	3-4
Science Core Area (See Note 4)	3-5
Writing Core Area (See Note 5)	3-4

CHOICE 2: MSU Agricultural Technology Courses (See Note 6)

40-45 Credits

Required Agricultural Technology courses taken at Michigan State University

CHOICE 3: Institutional Requirement**5 Credits**

Choose any Lansing Community College class or classes so that the total number of credits taken at LCC is 20 or more per college policy. This requirement may automatically be fulfilled if a student completes 20 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. Students may choose any approved Global Perspectives and Diversity core course. ECON 260, GEOG 200, MGMT 234, POLS 260, SOCL 120 or SOCL 260 is recommended for students who do not intend to enter a Bachelors program; HUMS 213, HUMS 214, POLS 260, SOCL 120 and SOCL 260 is recommended for those who do.
3. Students may choose any approved Mathematics core course. MATH 112, MATH 115 or MATH 117 is recommended for students who do not intend to enter a Bachelors program; MATH 112, MATH 121 or MATH 122 is recommended for those who do. ELTE 121 is recommended for students in the Electrical Technology program who do not intend to enter a Bachelor's program.
4. Students may choose any approved Science core course. BIOL 120, BIOL 145 or CHEM 135 is recommended for students who do not intend to enter a Bachelors program; BIOL 127 or CHEM 151 & 161 is recommended for those who do. HORT 102 is recommended for students in the Landscape and Nursery program who do not intend to enter a Bachelor's program.
5. Students may choose any approved Writing core course. WRIT 124 or WRIT 127 is recommended for students who do not intend to enter a Bachelors program. WRIT 121 or WRIT 131 is recommended for those who do.
6. Specific Agricultural Technology courses are necessary to fulfill this requirement. These courses must be taken at Michigan State University.