

**LANSING COMMUNITY COLLEGE**

**Liberal Arts**

**Curriculum Code: 1451  
(Effective Fall 2018 –  
Summer 2023)**

**Agricultural Technology A.A.S. Pathway**

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). 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. 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.

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.

**For More 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.

Semester I	Course Title	Prerequisites	Credit/Billing Hours
<b>Communication Core Area - <i>Select 1</i></b>			
COMM 110	Oral Communication in the Workplace	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	3 / 3
COMM 120	Dynamics of Communication	Reading Level 5 and Writing Level 6	3 / 3
COMM 130	Fund of Public Speaking	Reading Level 5 and Writing Level 6	3 / 3
COMM 140	Interpersonal Communication	Reading Level 5 and Writing Level 6	3 / 3

<b>Global Perspectives and Diversity Core Area - <i>Select 1</i></b>			
ECON 120	Power, Authority and Exchange	Reading Level 5	4 / 4
HUMS 213	World Civilizations to 1600	Reading Level 5 and Writing Level 6	4 / 4
HUMS 214	World Civilizations from 1600	Reading Level 5 and Writing Level 6	4 / 4
SOCL 120	Introduction to Sociology	Reading Level 5 or (Reading Level 4 and ENGL 099 concurrently)	4 / 4
<b>Math Core Area - <i>Select 1</i></b> <i>MATH 121 or above also acceptable</i>			
MATH 119	Math - Applications for Living	(Minimum 2.0 in MATH 105 or MATH 106 or MATH 107 or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
MATH 120	College Algebra	(Minimum 2.0 in MATH 109 or MATH 112 within 2 years or Math Level 6 within 2 years) and Reading Level 5 and Writing Level 4	4 / 4
STAT 170	Introduction to Statistics	(Minimum 2.0 in MATH 105 or MATH 106 or above or Math Level 5) and Reading Level 5 and Writing Level 4	4 / 4
STAT 215	Intro to Probability and Stats	(Minimum 2.0 in MATH 120 or above or Math Level 7) and Reading Level 5 and Writing Level 4	4 / 4

<b>Science Core Area - <i>Select 1</i></b>			
<i>Choose BIOL 127 or CHEM 151 and CHEM 161</i>			
BIOL 127	Cell Biology	(Minimum 2.0 in CHEM 120) or (Minimum 2.0 in CHEM 151 or concurrently) and Reading Level 5 and Writing Level 6 and Math Level 4	4 / 6
CHEM 151	General Chemistry Lecture I	Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 109 concurrently or MATH 112 concurrently)	4 / 4
CHEM 161	General Chemistry Lab I	Minimum 2.0 in CHEM 151 or concurrently and Reading Level 5 and Writing Level 6 and (Math Level 6 or MATH 112 concurrently)	1 / 3
<b>Writing Core Area - <i>Select 1</i></b>			
ENGL 121	Composition I	Reading Level 5 and Writing Level 6 or (Reading Level 4 and Writing Level 4 and ENGL 099 concurrently)	4 / 4
ENGL 122	Composition II	Minimum 2.0 in ENGL 121 or ENGL 131 or (Reading Level 5 and Writing Level 8)	4 / 4
ENGL 131	Honors Composition I	Reading Level 5 and Writing Level 7	4 / 4
ENGL 132	Honors Composition II	Minimum 3.5 in ENGL 121 or ENGL 131 or Reading Level 5 and Writing Level 8	4 / 4
<b>Credits</b>			<b>19-20 / 21-22</b>
<b>Semester II</b>	<b>Course Title</b>	<b>Prerequisites</b>	<b>Credit/Billing Hours</b>
<b>MSU Agricultural Technology Courses</b>			
<i>48 Credits - Required Agricultural Technology certificate from Michigan State University</i>			
<b>Institutional Requirements</b>			
<i>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.</i>			
<b>Credits</b>			<b>0-10</b>
<b>Total Credits</b>			<b>67-68</b>