

## **ARTICULATION AGREEMENT**

### **I. INTRODUCTION**

The Institute of Agricultural Technology at Michigan State University's College of Agriculture and Natural Resources (referred to as "IAT" or "MSU"), in cooperation with Lansing Community College ("LCC"), agrees to make available IAT Turf Management-Golf program, referenced in Appendix A and LCC's Associate in Applied Science Degree ("AAS") in Agricultural Technology to the students of both institutions Jointly called "Program". The Program will allow students to begin their educational experience at either institution. Subject to complying with LCC's admission requirements, MSU students may transfer credits earned through the IAT Turf Management-Golf certification towards an AAS at LCC. Likewise, LCC students, subject to complying with IAT admission requirements, may transfer the credits earned from taking general education courses at LCC towards the IAT Turf Management-Golf certification. While the Program is designed to be completed in two to three years, the length may vary depending on the number of courses chosen by the student and the need for prerequisite or general education courses. The students will be expected to meet the graduation requirements determined by LCC for an AAS and the requirements for IAT certificate programs as determined by MSU.

Both parties agree to enhance agriculture, food and natural resources post-secondary education in Michigan and increase student access to those programs by doing the following:

1. Engage in an inclusive planning process to enhance post-secondary educational opportunities and student recruitment in the agriculture, food, and natural resources disciplines.
2. Identify and recruit potential partners and sponsors of agriculture, food, and natural resources programs.
3. Identify resource needs related to future programming.
4. Foster connections and partnerships with stakeholders that enhances post-secondary agriculture, food, and natural resources education.

### **II. ADMISSION**

Students may enter the Program through one of two pathways. A student may begin taking general education courses at LCC and apply to the IAT for admission to the Turf Management-Golf program. Alternatively, students may be admitted first to the Turf Management-Golf program in the IAT and then decide to enter the Program to receive an AAS from LCC.

#### **A. ADMISSION REQUIREMENTS TO MSU**

MSU will review applications and admit students into the Turf Management-Golf program according to standards and policies set forth by the IAT. Maximum

enrollment is program dependent, and each program usually accepts 25 to 40 students per year. Applicants may be required to participate in an assessment and selection process.

#### **B. ADMISSION REQUIREMENTS TO LCC**

LCC will admit students with appropriate preparation according to the open admissions policy as set forth in the LCC catalog, the LCC Curriculum Guide (Appendix B) and by the LCC Admissions, Registration and Records Office. Many courses at LCC have minimum skill level requirements in reading, writing, and/or mathematics. These skill levels must be met before a student will be permitted to enroll in those courses. One way students meet these skill prerequisites is by achieving the required scores on placement tests. Additional options to meet basic skill prerequisites are outlined on the LCC website [www.lcc.edu/assessment/on\\_campus/cpt.aspx](http://www.lcc.edu/assessment/on_campus/cpt.aspx). Students completing general education courses at LCC who wish to matriculate in the Program will be expected to make a formal application to the Program.

#### **C. ENROLLMENT STATUS**

Students will register, pay fees, and receive financial aid (if eligible) from LCC if they are taking courses only at LCC. LCC students who begin taking courses at MSU must register, pay fees and receive financial aid (if eligible) from MSU. There may be terms when a student chooses to take courses at both institutions. In that instance, students will be required to register and pay fees at each respective institution but will only be able to receive aid at one of the institutions. In determining aid eligibility for that term, enrollment at the two institutions will not be combined. For that reason, it is in the student's best interest to complete requirements at one institution at a time, and they should be advised of that.

### **III. STUDENT ACCESS**

#### **A. ACCESS TO MSU AND LCC FACILITIES**

Students accepted into and in good financial and academic standing with the IAT certificate program, regardless of enrollment as LCC students, will be granted those privileges provided to MSU students. Amenities include, but are not limited to, housing, commuter parking, libraries, athletic facilities, student organizations, athletic tickets, and special events. Students enrolled in this Program will also be eligible for a LCC student ID permitting facility utilization, library use, and other student opportunities associated with LCC student status. Students will be expected to abide by the rules and regulations of both institutions.

### **IV. STUDENT PERFORMANCE**

#### **A. ACADEMIC PERFORMANCE**

Students enrolled in the Program are required to comply with the academic standards set forth by the MSU policy for maintaining good academic standing. Students also will be required to meet the academic standards at LCC. If the MSU and LCC standards differ, the more demanding of the two shall apply. The students'

GPA's will be monitored by the IAT and by LCC. The IAT will provide the LCC Registrar with a copy of each student's academic performance. These reports will be made within 10 days of the MSU grade reporting deadline for each respective semester. Similarly, LCC will provide IAT with academic performance reports, within 10 days after the end of each LCC semester, of the students enrolled in the Program who have taken courses at LCC.

Any student whose academic record does not meet one or more of the requirements to remain in good academic standing is subject to appropriate academic action.

In the event that the student meets LCC's academic status requirements but is recommended for dismissal from the Program based on MSU general or program requirements, the student will have the option to apply as an LCC student outside the Program. In this case, the student would receive AGRI transfer credit for IAT courses with an earned grade of 2.0 or higher on a 4.0 scale.

## **B. DEGREE OPTIONS**

Students enrolled in the Program will work toward an AAS. The degree will be awarded by LCC upon the student's successful completion of the curriculum approved by both institutions. To receive an associate degree from Lansing Community College, a student must meet the following institutional graduation requirements:

1. Complete a course of study approved by the College and consisting of a minimum of 60 semester credits with no more than 10 percent of these credits acquired on the pass/pass/fail grading system. (See the Degree and Certificate Programs section of this catalog.)
2. Maintain a cumulative grade point average of 2.0 or above.
3. Earn toward the curriculum at least 15 semester credits in attendance at Lansing Community College. Credits earned through comprehensive exams will not be counted toward this requirement.
4. Satisfy the LCC General Education Applied Degree Requirements. Students following the Associate in Arts Degree, or the Associate in Science Degree, will fulfill these requirements by completing specific curriculum requirements.
5. Satisfy all general and specific requirements of Lansing Community College.
6. File an application for graduation with the Admissions, Registration and Records Office by the deadline for the semester the program requirements are completed.

## **V. OPTIONS AND SECTIONS.**

### **A. Program Changes**

Both LCC and MSU will strive to keep each other informed about significant changes in courses included in the Program.

## **B. Program Review & Termination**

This program will be reviewed annually by representatives from both institutions using assessment criteria to be developed during the first year of the program.

Either Michigan State University or Lansing Community College may terminate the agreement by notifying the other party in writing 120 days in advance. Should the agreement be terminated, any Lansing Community College student who has designated and selected this consortium program prior to termination will be allowed to complete the program within a period of 2-years.

This agreement is valid for 3 years from the initial signature date, at which time both parties may agree to renew the consortium agreement as written via a written memo of consent; modify the agreement and sign a revised version; or terminate based on the protocol above.

## **INDEMNIFICATION**

To the extent permitted by law, each party (the "Indemnifying Party") shall indemnify, defend and hold the other party (the "Indemnified Party") harmless from any and all claims, damages, losses, liabilities, costs and expenses, including but not limited to, attorney fees asserted by any third party, whether or not represented by a final judgment, for such claims, damages, losses, liabilities, costs and expenses which arise out of or result from, in any way, an Indemnifying Party's operation of the Program on its campus.

The Indemnified Party agrees that the Indemnifying Party shall have sole and exclusive control over the defense and settlement of any such third-party claim. However, the Indemnifying Party shall not acquiesce to any judgement or enter into any settlement that adversely affects the Indemnified Party's rights or interests without prior written consent of the Indemnified Party. The Indemnified Party shall promptly notify the Indemnifying Party of any such claim of which it becomes aware and shall: (a) at the Indemnifying Party's expense, provide reasonable cooperation to the Indemnifying Party, in connection with the defense or settlement of any such claim, and (b) at the Indemnified Party's expense, be entitled to participate in the defense of any such claim. Failure of the Indemnified Party to give prompt notice of any claim shall not relieve such party of its indemnification obligation, except to the extent of liability that would have been avoided had prompt notice been given. This indemnification provision shall survive the termination, expiration or completion of the Program.

Therefore, in support of the Program in the Institute of Agricultural Technology, Michigan State University and Lansing Community College are signatories to this agreement.

**Lansing Community College**

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**Dr. Sally Welch**

Provost and Senior Vice President of Academic Affairs

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**Andrea Hoagland**

Dean, Arts & Sciences Division

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**Dr. Dorothy Tappenden**

Assoc. Dean, Science & Math Department

**Michigan State University**

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**Dr. Thomas Jeitschko**

Interim Provost and Executive Vice President for Academic Affairs

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**Dr. Matt Daum**

Interim Dean, College of Agriculture and Natural Resources

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**Dr. Jennifer Rivera**

Director, Institute of Agricultural Technology

## Appendix A- IAT Turf Management-Golf Program Requirements

Students must complete 54 credits from the following:

1. All the following courses (52 credits):			
AE	153	Engine and Equipment Technology	2
AT	101	Spanish for the Agricultural Industry	2
AT	102	Turf and Landscape Analytical Practices	2
AT	293	Professional Internship in Agricultural Technology	3
CSS	110	Computer Applications in Agronomy	2
CSS	126	Introduction to Weed Management	2
CSS	171	Operations Budgeting for Golf Course Managers	2
CSS	178	Turfgrass Irrigation	3
CSS	181	Pesticide and Fertilizer Application Technology	3
CSS	210	Fundamentals of Soil Science	3
CSS	226L	Weed Science Laboratory	1
CSS	232	Turfgrass Management	4
CSS	262	Turfgrass Management Seminar	2
CSS	264	Golf Course Design and Construction Techniques	2
CSS	267	Performance Turf Design and Construction	2
CSS	269	Turfgrass Strategies: Integration and Synthesis	2
CSS	272	Turfgrass Soil Fertility	2
CSS	282	Turfgrass Physiology	2
ENT	364	Turfgrass Entomology	3
HRT	109	Introduction to Applied Plant Science	2
HRT	213	Landscape Maintenance	2
HRT	213L	Landscape Maintenance Field Laboratory	1
PLP	266	Turf Pathology	3

Students must enroll in two separate 1-credit sections of CSS 262.

2. Complete a minimum of 2 elective credits in the college as approved by the program coordinator in the Institute of Agricultural Technology.

Students who do not demonstrate English proficiency through the IAT-administered Accuplacer placement test or college-level transfer credit must complete AT 045 Agricultural Communications (2 credits) or an equivalent course as approved by the program coordinator.

**Appendix B**  
**Lansing Community College - Michigan State University Agricultural Technology**  
**Associate of Applied Science (1415)**

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 MSU’s Institute of Agricultural Technology (IAT). Concentrations within this degree include: Agricultural Industries, Dairy Management, Electrical Technology, Food Processing, Safety & Technology, Fruit, Vegetable & Organic Horticulture, Landscape & Nursery Management, Livestock Industries, Sport & Commercial Turf Management and Turf Management-Golf.

Students may enter this curriculum in one of two ways. A student may begin taking general education courses at LCC and apply to the IAT for admission to one of the certificate programs 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 an AAS degree from LCC.

**Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any courses.**

<b>General Education (taken at LCC)</b>	
Communication	COMM 120 or 130 or 240
Humanities and Fine Arts	ECON 201 or HUMS 160 or 224 or PSYC 200 or SOCL 120 or SPAN 121
Mathematics	MATH 119* or STAT215* or MATH 120 or above*
Science	BIOL 121 or 125 or 127 or CHEM 151 and 161**
Writing	ENGL 121 or 131

**General Education Credits = 19 or 20 credits**

\*These courses are recommended for those who intend to transfer to pursue a bachelor’s degree. For additional transfer requirements, please consult with the intended transfer institution.

\*\*Students that complete CSS 101 and CSS 101L, or ANS 242, or HRT 213 and HRT 213L with grades of 2.0 or higher will satisfy the science requirement. Student should contact their advisor for the process.

**MSU Agricultural Technology Courses**

See MSU Institute of Agricultural Technology Coordinator for selections:

- MSU IAT credits = 54 credits
- Total Coursework = 73 or 74 credits

**Information:**

Contact the Science Department, Arts & Sciences Building, Room 301, phone (517)483-1092; the Academic Advising Department, Gannon Building – StarZone, phone (517)483-1904; or the MSU IAT, 113 Morrill Hall on MSU’s Campus, phone (517)355-0190.

**Notes:**

1. A specific Agricultural Technology Certificate from MSU is required to fulfill this requirement.
2. A 2.0 grade or higher is required in all courses used to satisfy this degree
3. The following cannot be used for degree requirements:
  - a) Courses numbered below 100
  - b) Courses in Math or Statistics not listed on the LCC General Education Core Areas or the MTA
  - c) Courses in English or 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 100
- h) Courses in Student Development numbered other than 101

4. In addition, ENGL 122 or 132 and HIST 211 or 212 are strongly recommended if planning to transfer to MSU or any other 4-year university.



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 MSU's Institute of Agricultural Technology (IAT). Concentrations within this degree include: Agricultural Industries, Dairy Management, Electrical Technology, Food Processing, Safety & Technology, Fruit, Vegetable & Organic Horticulture, Landscape & Nursery Management, Livestock Industries, Sport & Commercial Turf Management and Turf Management-Golf.

3. The following cannot be used for degree requirements:
- a. Courses numbered below 100
  - b. Courses in Math or Statistics not listed on the LCC General Education Core Areas or the MTA
  - c. Courses in English or 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 100
  - h. Courses in Student Development numbered other than 101

Students may enter this curriculum in one of two ways. A student may begin taking general education courses at LCC and apply to the IAT for admission to one of the certificate programs 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 an AAS degree from LCC.

**Not all courses in this program transfer to all colleges. Students planning to transfer should see an academic advisor before enrolling in any courses.**

<b>General Education (taken at LCC)</b>	
Communication	COMM 120 or 130 or 240
Humanities and Fine Arts	ECON 201 or HUMS 160 or 224 or PSYC 200 or SOCL 120 or SPAN 121
Mathematics	MATH 119* or STAT215* or MATH 120 or above*
Science	BIOL 121 or 125 or 127 or CHEM 151 and 161**
Writing	ENGL 121 or 131

**General Education Credits = 19 or 20 credits**

\*These courses are recommended for those who intend to transfer to pursue a bachelor's degree. For additional transfer requirements, please consult with the intended transfer institution.

\*\*Students that complete CSS 101 and CSS 101L, or ANS 242, or HRT 213 and HRT 213L with grades of 2.0 or higher will satisfy the science requirement. Student should contact their advisor for the process.

**MSU Agricultural Technology Courses**

See MSU Institute of Agricultural Technology Coordinator for selections:

- MSU IAT credits = 48 credits
- Total Coursework = 67 or 68 credits

**Information:**

Contact the Science Department, Arts & Sciences Building, Room 301, phone (517)483-1092; the Academic Advising Department, Gannon Building – StarZone, phone (517)483-1904; or the MSU, IAT, room 113 Morrill Hall on MSU's Campus, phone (517)355-0190.

**Notes:**

- 1. A specific Agricultural Technology Certificate from MSU is required to fulfill this requirement.
- 2. A 2.0 grade or higher is required in all courses used to satisfy this degree