

ARTICULATION AGREEMENT
between
MADISONVILLE COMMUNITY COLLEGE
AND
MURRAY STATE UNIVERSITY

Madisonville Community College, hereafter referred to as MCC, and Murray State University, hereafter referred to as MSU, in order to contribute to the development of a seamless postsecondary education system, to promote the transfer of credits, and to increase the educational opportunities for the Automation Industrial Technology Associate of Applied Science program, hereafter referred to as AIT, and the Bachelor of Science Electromechanical Engineering Technology program, hereafter referred to as EMT, establish this agreement delineating the pathway between the AIT degree and the Bachelor of Science EMT degree at MSU.

1. Acceptance and Application of Credits. Academic credit will be accepted and applied toward the specified degree program at MSU as identified in the Course Articulation Matrix included in this agreement. Courses taken at MCC that differ from the recommended courses could result in a correspondingly heavier course load at MSU. The Course Articulation Matrix included in this document is based on MSU's 2023-2024 academic bulletin or Bachelor of Science EMT degree at MSU.
2. Responsibilities of MCC
 - a. MCC will provide:
 - i. AIT program courses as outlined by the 2 + 2 program agreement;
 - ii. lab and classroom space;
 - iii. routine maintenance of lab equipment;
 - iv. janitorial services;
 - v. campus security; and
 - vi. promotion of this agreement as appropriate in print material, web sites, and mailings for students in a quality consistent with the promotion of other academic programs and opportunities for MCC students.
3. Responsibilities of Murray State University
 - a. MSU will:
 - i. Accept coursework from the MCC AIT program to be applied to the MSU EMT Bachelor of Science degree;
 - ii. Pay to MCC \$2,200 in annual lab usage fees beginning in academic year 2025-2026;
 - iii. designate an individual to serve as a liaison for the purposes of monitoring this agreement, building the relationship, and answering any questions of MCC students, faculty, and staff;
 - iv. promote this agreement through institutional print material, websites, and mailings designed specifically for transfer students, and in a quality

consistent with promotion of other academic programs and opportunities for potential MSU students; and

- v. provide MSU with mailing lists of MCC students nearing graduation, as well as graduated students, to the extent permitted by law.
4. This MOA will commence on July 1, 2024 and shall continue through June 30, 2026. Upon annual review, this MOA may be automatically extended for additional one-year periods, under the same terms and conditions without a 60-day, written notice. Any extension not amended within 60 days of the automatic renewal date of April 15 each calendar year, and confirmed in writing and agreed upon by both parties, will be automatically renewed. However, either party hereto may terminate this agreement upon the giving of sixty (60) days' written notice to the other party, provided that MSU shall be given the opportunity to complete coursework for students enrolled in the program, not to exceed four semesters. In the event of termination, MSU's responsibility for costs as described above will be pro-rated depending upon the effective date of notification. Notice to MCC will be given to the Chief Business Officer. Notice to MSU will be given to the Vice President for Finance and Administrative Services. The MOA may be modified by mutual written agreement.
5. **HOLD HARMLESS.** Both MCC and MSU constitute agencies of the Commonwealth of Kentucky. Although vested with sovereign immunity, each is subject to the jurisdiction of the Kentucky Claims Commission under KRS Chapter 49. Claims against either relating to personal injury or property damage may be filed and decided thereunder.
6. **GOVERNING LAW.** This agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Kentucky. In the event of any proceeding regarding this agreement, the parties agree that jurisdiction and venue are controlled by applicable Kentucky law. Service of process may be accompanied by following the procedures prescribed by law.
7. **AUTHORITY.** MCC and MSU, by execution of this MOA, do hereby warrant and represent to each other that they are duly organized and validly existing entities, are qualified to do business in the Commonwealth of Kentucky, and that each person signing has authority to do so.

Murray State University

 7-31-24

President Date


 7/31/24

Provost/VP for Academic Affairs Date

Madisonville Community College

 7/31/2024

President Date

 7/31/24

Provost Date

Transfer Agreement
Murray State University
Bachelor of Science *Electromechanical Engineering Technology*
and
Kentucky Community and Technical College System
Associate in Applied Science *Advanced Integrated Technology*

General Education and Support Hours (44)

Murray State University	KCTCS
<i>Oral and Written Communication (7hrs)</i>	<i>English Course (9hrs)</i>
ENG105 – Critical Reading, Writing, and Inquiry (4)	ENG101 – Writing I (3) AND ENG102 – Writing II (3)
COM161 – Basic Public Speaking (3)	COM181 – Basic Public Speaking (3)
<i>Foundations: Scientific Inquiry & Methodologies (8hrs)</i>	<i>Mathematics Course and Natural Science Course (7hrs)</i>
STA 135 – Intro to Probability/Statistics (4)	STA 220 – Statistics (3)
PHY 130/131 General Physics I/Lab (4)	PHY 151/161 Introductory Physics I/Lab (4)
<i>Human Experience (15 Hours)</i>	<i>Arts & Humanities/Social and Behavioral Studies (12hrs)</i>
Lit. & Phil. Perspectives (3)	KCTCS equivalents to Human Experience are listed below: Heritage (3)*
Historical Perspectives (3)	Humanities (3)*
Creative Perspective (3)	Social Science (6)*^
Social & Behavioral (3)	*Select available KCTCS courses for category fulfillment.
Cultural, Diverse, & Resp. Citizen (3)	^Select available KCTCS courses from two different disciplines.
Support Classes (14 hours)	Additional Required Courses (16 hours)
MAT 130 – Technical Math 1 (5)	MAT 145 (3) & MAT 150 (3) or MAT 160 (5) or MAT 171(5)
MAT 230 – Technical Math 2 (5)	MAT 170 (3) or MAT 174 (4) or MAT 175 (5)
PHY 132& 133 (4)	PHY 152 & 162 (4)
	Elective (2-3 hours)** **The elective hours vary based on courses taken in this category in order to reach a total of 16 hours.

Electromechanical Core Courses and Support Courses (76 Hours)

MSU Technical Courses matched to KCTCS Technical Courses

These courses are not articulated course to course; however, they are accepted as a block of courses in the program.

DET 102 CAD Applications (3) EMT 101 – Engineering Technology Analysis (3) EMT 110 - Electrical Systems (4) EMT 201 – Engineering Technology Sim. (3) EMT 261 - Intro to Fluid Power Systems (3) EMT 262 - Intro to Fluid Power Systems Lab (1) EMT 305 - Electrical Machinery and Controls (4) EMT 310 - Programmable Logic Controllers (4) EMT 312 - Industrial Instrumentation (4) ENT 100 – Transitions (1) Technical Electives (4hr) TOTAL = 34	AAS – Advanced Integrated Technology
MSU Support Course	KCTCS
Electromechanical Engineering Technology – <i>These courses must be taken from MSU (42 Hours)</i>	
ENT 265 – Statics /Strengths of Materials (3)	
EMT 210 Electrical Systems II (4)	
EMT 351 Power Distribution (3)	
EMT 320 SCADA Systems (4)	
EMT 365 Dynamics for Technology (3)	
EMT 455 Industrial Networking (4)	
EMT 461 Robotics and Motion Controls (4)	
ENT 419 Senior Project (3)	
SOE 350 – Technology Management (3)	
SOE 399 Professional Development Seminar I (1)	
SOE 488 Cooperative Education/Internship (1)	
* Upper Level Elective (9)	
TOTAL = 42	

The articulation agreement is conditional on completing the Associate of Applied Science in Advanced Integrated Technology (A.I.T.).

TOTAL CURRICULUM REQUIREMENTS – 120 Hours

* *Upper Level Electives:; MET 400 - LEAN Manufacturing, MET 410 – Sustainability Management, MET 440 – Quality Management, MET 450 – Project Management, or other advisor approved upper level elective.*