

**ARTICULATION / TRANSFER AGREEMENT**

**MIDDLE TENNESSEE STATE UNIVERSITY**

**AND**

**ROANE STATE COMMUNITY COLLEGE**

**June 11, 2018**

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C18-1375

**Articulation/Transfer Agreement  
Middle Tennessee State University  
And  
Roane State Community College**

**THIS ARTICULATION AGREEMENT** (the "Agreement") is entered into on \_\_June 11, 2018, by and between Middle Tennessee State University ("MTSU") and Roane State Community College ("RSCC"). The parties desire to enter into a contract pursuant to which RSCC students who have completed their A.A.S. in Mechatronics will be eligible for articulated course credits at MTSU, according to the terms contained in this Agreement.

**ACCORDINGLY**, in consideration of the promises and mutual covenants contained in this Agreement, and of other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

**1. Description of Articulation Program.**

- a. Definitions. Articulation criteria is defined in Attachment A.
- b. Purpose. The purpose of this Agreement is to facilitate the transfer of RSCC students who have completed their A.A.S. in Mechatronics Technology to MTSU; to provide specific advisement for B.S. in Mechatronics Engineering students who intend to transfer to MTSU; and, to encourage academic and administrative coordination between the institutions in the following program:

B.S. in Mechatronics Engineering

Attachment A, "Program of Study" outlines courses that must be taken at RSCC to earn an A.A.S. in Mechatronics Technology and the equivalent MTSU transfer courses. A listing of the MTSU upper division courses that students shall be required to complete in order to earn a B.S. in Mechatronics Engineering degree through MTSU is provided, as well.

In compliance with Policy 256 MTSU Articulation with Community Colleges within the Tennessee Board of Regents System and the State Universities, the following has been determined:

- Competencies that indicate that the learning outcomes specified in courses offered by RSCC satisfy learning outcomes in similar courses offered by MTSU. Syllabi and competency lists of the courses from the institutions involved must be maintained in the appropriate offices of both institutions;
  - Descriptions of required proficiency levels and criteria for measurement; and
  - The evaluation plan and process.
- c. Semester meetings. MTSU commits to holding one or more mandatory 'in-person' meetings at RSCC each semester to address questions and facilitate the transfer process.
  - d. Annual review. This Agreement will be subject to annual review by representatives of each institution. Any recommendations for revisions will be made in writing and

reviewed by each institution's respective Chief Academic Officer or their designees. The articulation requirements of this Agreement may only be amended in the form of an Amendment signed by authorized representatives of the parties and the Tennessee Board of Regents.

- e. Admission requirements. RSCC students wishing to transfer credits to MTSU within the Mechatronics Engineering degree program must meet the admissions requirements for MTSU. These students must also provide an official transcript of courses completed at RSCC to MTSU. If admitted, the students shall become subject to all MTSU policies, procedures and rules.
- f. Focus on articulation. This Agreement is in keeping with the Tennessee Board of Regents focus on partnership and collaboration between TBR institutions.
- g. Non-Exclusivity. This Agreement is not exclusive, and either party may enter into similar agreements with any other party.

## 2. Term and Termination.

- a. Term. This Agreement will be effective from the date of final signature below, the Effective Date, until terminated in writing by either party. It is agreed that if terminated, both institutions will honor the terms of the Agreement until the end of the next admissions application and review period of MTSU.
- b. Post-Termination. Upon termination of this Agreement for any reason, RSCC students previously accepted by or admitted to MTSU shall continue to receive the benefits contemplated by this Agreement.

## 3. Miscellaneous.

- a. Non-discrimination. The parties shall abide by all applicable Federal and State law pertaining to discrimination and hereby agree and assure that no person shall be excluded from participation in, be denied benefits of, or otherwise be subjected to discrimination in the performance of this Agreement or in the employment practices of the party on the grounds of classifications protected by Federal or State law.
- b. Binding agreement. This Agreement shall not be binding upon the parties until it is approved by the president or designee and the Tennessee Board of Regents.
- c. Point of contact information.

For RSCC: Dr. Markus Pomper  
276 Patton Lane  
Harriman, Tennessee 37748  
865-882-4533  
pomperm@roanestate.edu

For MTSU: Dr. Walter Boles  
1301 E Main Street, Box 19  
Middle Tennessee State University  
Murfreesboro, TN 37132  
Walter.boles@mtsu.edu



- d. Governing Law. This Agreement shall be governed by and construed in accordance with the laws of the State of Tennessee without regard to its conflict of laws provisions.
- e. Notices. All notices or other written communications relating to termination, expiration, or any other legal matter relating to this Agreement will be effective when received and must be given in writing by courier or reputable overnight delivery service, or by certified mail, return receipt requested, to either party at the following address (or to such other address as such party may substitute, by providing a written notice.)

For RSCC

Dr. Diane Ward  
Vice President for Student Learning  
276 Patton Lane  
Harriman, TN 37748

For MTSU:


Dr. Mark Byrnes  
Provost  
1301 East Main Street  
Murfreesboro, TN 37132

- f. Waivers. The waiver by either party of any provision of this Agreement on any occasion and upon any particular circumstance shall not operate as a waiver of such provision of this Agreement on any other occasion or upon any other circumstance.
- h. Complete Agreement; Integration. This Agreement contains the complete understanding of the parties with respect to the subject matter hereof and supersedes all other agreements, understandings, communications and promises of any kind, whether oral or written, between the parties with respect to such subject matter.
- i. Counterparts; Facsimile Signatures. This Agreement may be executed in multiple counterparts, all of which shall be originals and which together shall constitute a single agreement. For the purpose of interpreting this Agreement, facsimile signatures shall be considered equivalent to original signatures.
- j. Independent Contractors. The parties are independent contractors, and no agency, partnership, franchise, joint venture, or employment relationship is intended or created by this Agreement. Neither party shall make any commitment, or give the impression that it has authority to make any commitment, on behalf of the other party.
- k. Confidentiality of Records. All educational records created, disclosed, or maintained pursuant to the terms of this Agreement are confidential and shall be created, disclosed, and maintained pursuant to the provisions of Family Educational Right to Privacy Act, also known as FERPA (20 U.S.C.A. s1232g) and its regulations.

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In witness whereof, the parties have by their duly authorized representatives set their signatures.

**Middle Tennessee State University**

By:   
Title: Alan R. Thomas, VP Business & Finance  
Date: 6.20.18

**Roane State Community College**

By: Dr. Chris Whaley/mm  
Title: President  
Date: 7/5/18

SIGN  
HERE

**Attachment A**

**THE PROGRAM OF STUDY**  
**Middle Tennessee State University**  
**And**  
**Roane State Community College**

**A.A.S. in Mechatronics to B.S. in Mechatronics Engineering- Articulation Requirements**

Students graduating from RSCC, A.A.S. in Mechatronics Technology will receive credit for the following general education courses at MTSU:

General Education Requirements			
RSCC Course		MTSU Course	
Communication			6 hours
ENGL 1010- English Composition I		ENGL 1010- Expository Writing	
COMM 2025- Fundamentals of Communication		COMM 2200- Fundamentals of Communication	
Humanities/Fine Arts (choose one)			3
ART 1035 Introduction to Art ART 2000 Art History Survey I ART 2020 Art History Survey II ENGL 2110 Early American Literature ENGL 2120 Modern American Literature ENGL 2210 Early British Literature ENGL 2220 Modern British Literature ENGL 2310 Early World Literature ENGL 2320 Modern World Literature HUM 1010 Early Humanities MUS 1030 Introduction to Music PHIL 1030 Introduction to Philosophy PHIL 1040 Introduction to Ethics PHIL 2200 Introduction to World Religions PHIL 2640 Science and the Modern World THEA 1030 Introduction to Theatre		Three credits of Fine Arts met	
Social Behavioral Sciences (choose one)			3
ANTH 1130 Introduction to Physical Anthropology ANTH 1230 Introduction to Cultural Anthropology ANTH 1430 Introduction to Prehistoric Archeology ANTH 2150 Native American Studies ECON 2010 Macroeconomics ECON 2020 Microeconomics GEOG 2010 World Regional Geography INTL 1010 Introduction to Global Studies		Three credits of Social/Behavioral Sciences met	



POLS 1030	American Government			
POLS 1025	Introduction to Political Science			
PSYC 1030	Introduction to Psychology			
PSYC 2210	Biological Basis of Behavior			
PSYC 2130	Lifespan Development Psychology			
SOCI 1010	Introduction to Sociology			
SOCI 1040	Social Problems			
WELL 1010	Lifetime Wellness			
<b>Natural Sciences</b>				<b>4</b>
PHYS 2110 - Calculus Based Physics I	PHYS 2110/2111-Calculus Based Physics I			
<b>*Mathematics</b>				<b>4</b>
MATH 1910- Calculus I	MATH 1910- Calculus I			
<b>General Education Total</b>				<b>20 hours</b>

\* MATH 1130 and MATH 1730 (or MATH 1730 at MTSU) are prerequisites for MATH 1910

The following are Area of Emphasis requirements for the B.S. in Mechatronics Engineering at MTSU and the RSCC equivalent courses which will be accepted for transfer toward the degree requirement. A grade of C- (C minus) or higher is required for all Area of Emphasis courses.

<b>Area of Emphasis Requirements:</b>		
<b>RSCC Course</b>	<b>MTSU Course</b>	
CSCI 1010	CSCI 1170	<b>4</b>
MECH {1310, 1320, 1330, 1340} or MECH 1490 formerly: 1100, 1200, 1300, 1500 or 1900	ENGR 1100	<b>3</b>
MECH 2440 (formerly: 2100)	ENGR 2100	<b>3</b>
MECH 2441 (formerly: 2200)	ENGR 3915	<b>3</b>
MECH 2480 and 2320 (frmly: 2300 and 2400)	ENGR 3970	<b>3</b>
MECH 2425 and 2490 (frmly: 2500 and 2600)	ENGR 4510	<b>3</b>
ENGR 2110	ENGR 2110	<b>3</b>
<b>Area of Emphasis Total</b>		<b>22 hours</b>

A major in Mechatronics requires a minimum of 64 semester hours of courses to include:

(List courses/requirements to be taken in addition to Area of Emphasis Requirements listed above)

ENGR 2210, 2120, 2130, 3510, 3520, 3530, 3540, 3550, 3560, 3590, 4501, 4500, 4520, 4530, 4580, 4590.

**Total: 46 credits**

The following are additional courses that must be completed in order to earn a B.S. in Mechatronics Engineering from MTSU:

(List requirements)

ENGL 1020 (3)

HIST 2010, 2020, or 2030 (6)

Literature (3)

Fine Art (3)

CHEM 1110/1111 (4)  
 Social Behavioral Science (3)  
 MATH 1920 (4)  
 MATH 3110 (4)  
 MATH 3120 (3)  
 MATH elective (3)  
 PHYS 2120/2121 (4)

**Total: 40 credits**

Students successfully completing this program will have at least 153 credits. (Students have a full or part time option for BS completion)

Suggested **Full Time** scheduling of the MTSU courses based on prerequisites/co-requisites:

Summer- Year 1	Semester 1(Fall)	Semester 2 (Spring)
HIST (one course) (3) ENGL 1020 (3) MATH 1920 (4)  10 credits	ENGR 2120 (3) ENGR 2130 (3) PHYS 2120/21 (4) CHEM 1110/1111 (4) MATH 3110 (4) 18 credits	ENGR 3550 (3) ENGR 3590 (3) MATH 3120 (3) ENGR 3510 (3) ENGR 3520 (3) 15 credits
Summer- Year 2	Semester 3 (Fall)	Semester 4 (Spring)
ENGR 2210 (3) ENGR 3560 (3) Humanities/Fine Arts course (3)  9 credits	ENGR 3530 (3) ENGR 4500 (1) ENGR 4520 (3) ENGR 4580 (3) ENGR 3540 (3) MATH Elective (3)  16 credit	ENGR 4530 (3) ENGR 4590 (3) ENGR 4501(3) HIST (one course) (3) ENGL Literature (3) Social Behavioral Science course (3) 18 credits