

ARTICULATION / TRANSFER AGREEMENT

MIDDLE TENNESSEE STATE UNIVERSITY

AND

MOTLOW STATE COMMUNITY COLLEGE

11/1/2017

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Articulation/Transfer Agreement

Attachment A, Program of Study

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

THIS ARTICULATION AGREEMENT (the "Agreement") is entered into on November 1, 2017, by and between Middle Tennessee State University ("MTSU") and Motlow State Community College ("MSCC"). The parties desire to enter into a contract pursuant to which MSCC students that 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 MSCC students that have completed their A.A.S. in Mechatronics to MTSU; to provide specific advisement for the 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 MSCC to earn an A.A.S. in Mechatronics 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 MTSU policy 257, the following has been determined:

- Competencies that indicate that the learning outcomes specified in courses offered by MSCC 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 MSCC 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. MSCC 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 MSCC to MTSU. If admitted, the students shall become subject to all MTSU policies, procedures and rules.
- 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, MSCC 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.
- c. Point of contact information.

For MSCC: Mr. Fred Rascoe
225 Cadillac Lane
McMinnville, Tennessee 37110
931-668-7010 Ext 2123
frascoe@mscc.edu


For MTSU: Walter Boles
Department Chair
Engineering Technology
MTSU
Murfreesboro, TN 37132
615-898-2098
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.)
- | | |
|---|--|
| <p><u>For MSCC:</u>
Melody Edmonds
Interim Vice President for Academic Affairs
P. O. Box 8500
Lynchburg, TN 37352</p> | <p><u>For MTSU:</u>
Dr. Mark Byrnes
Provost
1301 East Main Street
Murfreesboro, TN 37132</p> |
|---|--|
- 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.

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

Middle Tennessee State University

Motlow State Community College

By: 
Alan R. Thomas, VP Business & Finance
Title: _____
Date: 12-14-17

By: 
Title: Interim President
Date: 1-3-18

Attachment A

THE PROGRAM OF STUDY
Middle Tennessee State University
And
Motlow State Community College

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

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

General Education Requirements			
MSCC Course	MTSU Course		
Communication			6 hours
ENGL 1010- English Composition I	ENGL 1010- Expository Writing		
SPCH 1010- Fundamentals of Speech	COMM 2200- Fundamentals of Communication		
Humanities/Fine Arts (choose one)			3
<ul style="list-style-type: none"> • ARTA 1030 -Art Appreciation • ARTH 2010 - Survey of Art History I • ARTH 2020 - Survey of Art History II • MUSA 1030 - Music Appreciation • THEA 1030 - Introduction to Theatre 	Three credits of Fine Arts met		
Social Behavioral Sciences (choose one)			3
<ul style="list-style-type: none"> • ANTH 2010 - Introduction to Three credits of Social/Behavioral Sciences Anthropology met • COMM 1010 - Introduction to Mass Communications • ECON 2010 - Macroeconomics • ECON 2020 - Microeconomics • GEOG 1030 - Cultural Geography • GEOG 2010 - World Regional Geography • HPE 2340- Wellness Perspectives and Lifestyles • POLS 1030 -American Government • POLS 2010 - State and Local Government • PSYC 1030 - General Psychology • SOCI 1010 - Introduction to Sociology • SOCI 1020 - Social Problems • SOCI 2010 - Marriage and Family 	Three credits of Social/Behavioral Sciences met		
Natural Sciences			4
PHYS 2110 - Calculus Based Physics I	PHYS 2110/2111-Calculus Based Physics I		
*Mathematics			4
MATH 1910- Calculus I	MATH 1910- Calculus I		
General Education Total			20 hours

* MATH 1710 and MATH 1720 (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 MSCC 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.

Area of Emphasis Requirements:		
MSCC Course	MTSU Course	
CSCI 1010	CSCI 1170	4
(MECH 1100, 1200, 1300, 1500) or (MECH 1900)	ENGR 1100	3
MECH 2100	ENGR 2100	3
MECH 2200	ENGR 3915	3
MECH 2300 and 2400	ENGR 3970	3
MECH 2500 and 2600	ENGR 4510	3
ENGR 2110	ENGR 2110	3
Area of Emphasis Total		22 hours

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) ENGR 2130 (3) 9 credits	ENGR 2120 (3) ENGR 3510 (3) ENGR 3520 (3) MATH 1920 (4) CHEM 1110/1111 (4) 17 credits	ENGR 3530 (3) ENGR 3550 (3) ENGR 3590 (3) MATH 3120 (3) PHYS 2120/2121 (4) 16 credits
Summer- Year 2	Semester 3 (Fall)	Semester 4 (Spring)
ENGR 2210 (3) ENGR 3560 (3) Humanities/Fine Arts course (3) 9 credits	ENGR 3540 (3) ENGR 4500 (1) ENGR 4520 (3) ENGR 4580 (3) MATH 3110 (4) MATH Elective (3) 17 credits	ENGR 4530 (3) ENGR 4590 (3) ENGR 4501 (3) HIST (one course) (3) ENGL Literature (3) Social Behavioral Science course (3) 18 credits

Attachment A

THE PROGRAM OF STUDY
Middle Tennessee State University
And
Motlow State Community College

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

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

General Education Requirements		
MSCC Course	MTSU Course	
Communication		6 hours
ENGL 1010 – English Composition I	ENGL 1010 – Expository Writing	3
SPCH 1010 – Fundamentals of Speech	COMM 2200 – Fundamentals of Communication	3
Humanities/Fine Arts (choose one)		3
<ul style="list-style-type: none"> • ARTA 1030 - Art Appreciation • ARTH 2010 - Survey of Art History I • ARTH 2020 - Survey of Art History II • MUSA 1030 - Music Appreciation • THEA 1030 - Introduction to Theatre 	Three credits of Fine Arts met	
Social/Behavioral Sciences (choose one)		3
<ul style="list-style-type: none"> • ANTH 2010 - Introduction to Anthropology • COMM 1010 - Introduction to Mass Communications • ECON 2010 - Macroeconomics • ECON 2020 - Microeconomics • GEOG 1030 - Cultural Geography • GEOG 2010 - World Regional Geography • HPE 2340 - Wellness Perspectives and Lifestyles • POLS 1030 - American Government • POLS 2010 - State and Local Government • PSYC 1030 - General Psychology • SOCI 1010 - Introduction to Sociology • SOCI 1020 - Social Problems • SOCI 2010 - Marriage and Family 	Three credits of Social/Behavioral Sciences met	
Natural Sciences		4
PHYS 2110 - Calculus Based Physics I	PHYS 2110/2111 – Calculus Based Physics I	
*Mathematics		4
MATH 1910 - Calculus I	MATH 1910 – Calculus I	
General Education Total		20 hours

* MATH 1710 and MATH 1720 (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 MSCC 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.

Area of Emphasis Requirements:		
MSCC Course	MTSU Course	
CISP 1010, MECH 1100, 1200, 1300, 1500, 2100, 2200, 2300, 2400, 2500, 2600 (44 credit hours)	CSCI 1170, ENGR 1100, 2100, 2130, 3520, 3570, 3915, 3920, 3970, 4510, 4520, ENGL 3620 (37 credit hours)	
Area of Emphasis Total at MSCC		(44) hours

A major in Mechatronics Engineering 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 1210, ENGR 2110, ENGR 2120, ENGR 3510, ENGR 3550, ENGR 3560, ENGR 3590, ENGR 3930, ENGR 4500, ENGR 4530, ENGR 4580, ENGR 4590

Total: 34 credits

* (Notes)

Students completing this articulation will not meet MTSU's graduation requirement of 42 credits at the Upper Division (junior/senior) level. Ten of the required 42 will automatically be waived for students that have earned an A.A.S. in Mechatronics from MSCC and fulfill all other course requirements as outlined in this agreement for the B.S. in Mechatronics Engineering at MTSU.

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)
 PHYS 2120/2121 (4)

Total: 37 credits

Students successfully completing this program will have at least 135 credits. (Students have a full or part-time option for BS completion)

Suggested **Full Time** scheduling based on prerequisites/co-requisites:

Semester 1 (Fall)	Semester 2 (Spring)	(Summer)
ENGR 2110 (3) ENGR 3510 (3) ENGR 3550 (3) MATH 1920 (4) CHEM 1110/1111 (4)	ENGR 2120 (3) ENGR 3590 (3) ENGR 3930 (3) PHYS 2120/2121 (4) MATH 3110 (4)	ENGR 3560 (3) ENGR 1210 (3)
Semester 3 (Fall)	Semester 4 (Spring)	
MATH 3120 (3) ENGR 4500 (1) ENGR 4580 (3) ENGL 1020 (3) Hum/FA elective (3) Soc/Beh Sci elective (3)	ENGR 4530 (3) ENGR 4590 (3) HIST 2010, 2020, or 2030 (6) Hum/FA elective (3)	