

MEMORANDUM OF AGREEMENT

BY AND BETWEEN

MOTLOW STATE COMMUNITY COLLEGE

CAREER AND TECHNICAL PROGRAMS DEPARTMENT

AND

THE UNIVERSITY OF TENNESSEE AT CHATTANOOGA

COLLEGE OF ENGINEERING AND COMPUTER SCIENCE



MOTLOW STATE
COMMUNITY COLLEGE

 THE UNIVERSITY OF TENNESSEE
CHATTANOOGA

This Agreement is entered into by and between Motlow State Community College, Smyrna, Tennessee (hereinafter referred to as “MSCC”) by and through its Career and Technology Programs Department (hereinafter referred to as “CTPD”) and the University of Tennessee at Chattanooga, Chattanooga, Tennessee (hereinafter referred to as “UTC”) by and through its College of Engineering and Computer Science (hereinafter referred to as “CECS”). This Agreement implements the educational (transition) pathway for students completing their Associate of Science and Associate and Applied Science degrees from CTPD at MSCC into the bachelor’s degree programs hosted in CECS at UTC.

The parties hereto agree as follows:

I. TERMS AND CONDITIONS

- A. The Dean of Career and Technology Programs Department at MSCC and the Dean of College of Engineering and Computer Science at UTC or their appointed representatives will cooperate closely to maintain academic requirements for the agreement to the extent permitted by governing authorities and accreditation standards for each institution. For curriculum and course changes, each institution will work with the other party to maintain the requirements of both this agreement and academic programs.
- B. Individual program agreements between MSCC through CTPD and UTC through CECS is included as Appendix A – Clear Paths this Agreement.

II. RESPONSIBILITIES OF MSCC

- A. Designate a program liaison faculty member, acceptable to UTC, who is responsible for working with his or her counterpart at UTC.
- B. Include the transition path from MSCC to UTC in marketing of its CTPD AS AND AAS degree programs.
- C. Support activities to facilitate UTC admissions personnel to hold conferences with MSCC students interested in transferring to UTC under the auspices of this Agreement.

III. RESPONSIBILITIES OF UTC

- A. Designate a program liaison faculty member, acceptable to MSCC, who is responsible for working with his or her counterpart at MSCC.
- B. Accept MSCC graduates who have earned an Associate of Applied Science or Associate of Science (AAS or AS) degree with a minimum 2.0 cumulative grade from CTPD at MSCC into one of the CECS bachelor’s degree programs at UTC.

- C. Review the official MSCC transcript for student who apply for admission to the University of Tennessee at Chattanooga's Office of Admissions.
- D. Accept all pre-approved courses for transfer (see degree programs list in Appendix A).
- E. Include the transition path from MSCC to UTC in marketing of its CECS BS or BAS degree programs.

IV. JOINT RESPONSIBILITIES

- A. Each party will notify the other of any changes in the curricula, degree requirements, and admission requirements.
- B. Share in marketing responsibilities pursuant to this Agreement regarding recruiting, placement, and advising current and future students.
- C. Agree to hold institutional meetings, at a minimum, annually to discuss activities and efforts related to this Agreement.

V. TERM AND TERMINATION

- A. This Agreement will commence on February 1, 2020 and continue to be valid until amended, modified, or terminated. The Agreement will be reviewed every three years or as needed to either make necessary revisions or to be terminated. Neither party shall be bound by this Agreement until it is signed by appropriate officials representing the two institutions on the signature page of this Agreement.
- B. The Agreement may be terminated by either party by written notification at least six (6) months prior to the desired termination date.

VI. MEDIA

The parties agree not to use the other party's name or program names in any promotional material or public announcement without prior written consent or oral consent of the other.

IN WITNESS WHEREOF, the parties hereto have caused this AGREEMENT to be executed by their duly authorized representatives and thereby become effective on the date specified.

Motlow State Community College

Recommended BY:

Fred Rascoe, Dean

Date

Approved BY:

Michael L. Torrence, Ph.D., President

Date

University of Tennessee at Chattanooga

Recommended BY:

Daniel J. Pack, P.E., Ph.D., Dean

Date

Approved BY:

Steven R. Angle, Ph.D., Chancellor

Date



APPENDIX A – CLEAR PATHS

UT-Chattanooga/Motlow State Community College
Articulation/Transfer Agreement

B.A.S. Mechatronics Engineering Technology

Motlow State Community College,
A.A.S. Mechatronics Technology

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
MECH 1310	3		MECH 2441	4	
MECH 1320	3		MECH 2480	4	
MECH 1350	3		MECH 2425	4	
MATH 1710	3		CISP 1010	4	
ENGL 1010	3		MECH 2440		4
MECH 1330		3	MECH 2490		4
MECH 1340		3	Humanities/FA Elective		3
MECH 2320		3	Behavioral/SS Elective		3
PHYS 2010		4			
COMM 2025		3			
	15	16		16	14
			Total:	61	

**The University of Tennessee at Chattanooga
(B.A.S. Mechatronics Engineering Technology)**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hour</u>
ENGL 1020	3	EEM 3550	3
EEM 1320	3	ENME 1850	3
ETME 1011	1	EEM 4590	3
ENEE 1010	3	EEM 4500 or EEM 4960	3
ETME 2100	3	ETME 3120	3
MATH 1950	4	ETME 4110	3
MGT 2130 or ENCE 2220 or MATH 2100	3	ETME 4120	3
ETCM 2010	3	ECON 1020	3
PHYS 1040/1040L	4	ETME 3210	3
ETME 3010	3	ETME 4130	3
ETME 3230	3	ETME 4210	3
ETME 3110	3	ETME 4220	3
ENCE 3520	3	Non-Western Culture	3
	39		39

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UT-Chattanooga/Motlow State Community College
Articulation/Transfer Agreement

B.S. Civil Engineering

Motlow State Community College
Civil Engineering Emphasis: University Parallel Major, A.S. (TTP)

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
CHEM 1110	4		ENGR 2110	3	
COMM 2025	3		HIST 2310	3	
ENGL 1010	3		ART 2000 OR 2020	3	
MATH 1910	4		MATH 2110	4	
ECON 2100	3		PHYS 2110	4	
ENGL 1020		3	ENGR 2120		3
MUS 1030		3	HIST 2320		3
MATH 1920		4	ENGL 2130, 2235 OR 2310		3
MATH 2010		3	MATH 2120		3
ECON 2200		3	PHYS 2120		4
	17	16		17	16
			Total:	66	

**The University of Tennessee at Chattanooga
(B.S. in Civil Engineering)**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
ENCE 2460/2460L	4	ENCE 3380	3
ENCE 2220	3	ENCE 3520	3
ENCE 2010	3	ENCE 3680	3
ENCE 2620	2	ENCE 3850	3
ENCE 2620L	1	ENCE 4610	3
ENME 2240	3	ENCE 4680	3
ENME 3070	3	ENCE 3620	3
ENME 3070L	1	4000-LEVEL TECHNICAL ELECTIVE**	3
ENCE 3640	3	ENCE 4850	3
ENCE 3500	3	ENCE 4620	3
ENCE 3500L	1	CE ELECTIVE (ENCE 4380, 4640, or 4780)	3
SCIENCE ELECTIVE*	4	3000-LEVEL TECHNICAL ELECTIVE	3
ENCE 3610	3		
ENCE 3610L	1		
	35		36
			70

*Science elective: GEOL 1110/1110L, GEOL 1160, GEOL 1230, BIOL 1100, or BIOL 1110; others with department head approval.

**Any 4000-level engineering course. Some courses may require additional pre-requisites.

UT-Chattanooga/Motlow State Community College
 Articulation/Transfer Agreement
 B.S. Electrical Engineering

Motlow State Community College
 Electrical Engineering Emphasis: University Parallel Major, A.S. (TTP)

FRESHMAN	Fall	Spring	SOPHOMORE	Fall	Spring
CHEM 1110	4		HIST 2310	3	
ENGL 1010	3		ART 2000 OR 2020	3	
COMM 2025	3		ENGL 2130, 2235 OR 2310	3	
MATH 1910	4		MATH 2110	4	
ECON 2100	3		PHYS 2110	4	
ENGL 1020		3	ENGR 2130		4
MUS 1030		3	HIST 2320		3
MATH 1920		4	PHYS 2120		4
MATH 2010		3	MATH 2120		3
ECON 2200		3	CISP 1032**		3
			ENGR 2130*		3
	17	16		17	20
			Total:	70	

*ENGR 2130 should be taken at Chattanooga State Community College or UTC during the summers prior to transferring and reverse articulate.

** UTC to confirm that this course counts for ENEE 2250

**The University of Tennessee at Chattanooga
 (B.S. in Electrical Engineering)**

JUNIOR	Hours	SENIOR	Hours
ENEE 2220	3	ENEE 4800	3
ENEE 2720	3	ENEE 3850	3
ENEE 2740	3	ENEE 4500	3
ENEE 3250	3	ENEE 4900	1
ENEE 3720	3	EE Focus Elective***	3
ENEE 3720L	1	EE Elective*	3
ENEE 3800	3	EE Lab Elective**	1
ENEE 3800L	1	EE Technical Elective****	3
ENEE 3750	3	EE Elective*	3
ENEE 3790	3	EE Elective*	3
EE Focus Elective***	3	EE Lab Elective**	1
EE Focus Elective Lab***	1	EE Focus Elective***	3
EE Technical Elective****	3		
	33		30
			63

***EE Electives:**

THREE 3-hour courses (3000-4000) except ENEE 3280 and ENEE 3700.

****EE Lab Electives:**

TWO 1-hour laboratory courses (3000-4000) from the following: ENEE 3770L, ENEE 4600L, ENEE 4720L, ENEE 4750L OR ENEE 4790L

*****EE Focus Electives + EE Focus Lab Elective:**

TWO 3-hour EE focus area courses and ONE 1-hour EE focus laboratory from ONE of the following clusters:

- a.) POWER SYSTEMS: REQUIRED - ENEE 4720 + ENEE 4720L; *ELECT ONE*: ENEE 4750 OR ENEE 4820; *ELECT ONE*: ENEE 4620 OR ENEE 4670
- b.) COMMUNICATIONS: REQUIRED – ENEE 4750 + ENEE 4750L; ENEE 4710; *ELECT ONE*: ENEE 4760 OR ENEE 4820

c.) MICROELECTRONICS: REQUIRED – ENEE 3770 + ENEE 3770L; ENEE 4820; *ELECT ONE*: ENEE 4600 OR ENEE 4710

******EE Technical Electives:**

TWO 3-hour Engineering Courses (3000-4000) from the following: ENME, ENCE, ENCH or ENEE except ENEE 3280 and ENEE 3700.

HIGHLY RECOMMENDED: ENCE 3520 OR ENME 3050 OR ENME 3030 OR ENME 3070.

UT-Chattanooga/Motlow State Community College
Articulation/Transfer Agreement

B.S. Mechanical Engineering

Motlow State Community College
Mechanical Engineering Emphasis: University Parallel Major, A.S. (TTP)

<u>FRESHMAN</u>	<u>Fall</u>	<u>Spring</u>	<u>SOPHOMORE</u>	<u>Fall</u>	<u>Spring</u>
CHEM 1110	4		ENGR 2110	3	
COMM 2025	4		HIST 2310	3	
ENGL 1010	3		ART 2000 OR 2020	3	
MATH 1910	4		MATH 2110	4	
ECON 2100	3		PHYS 2110	4	
ENGL 1020		3	ENGR 2120		3
MUS 1030		3	HIST 2320		3
MATH 1920		4	ENGL 2130, 2235 OR 2310		3
MATH 2010		3	MATH 2120		3
ECON 2200		3	PHYS 2120		4
	17	16		17	16
			Total:	66	

**The University of Tennessee at Chattanooga
(B.S. in Mechanical Engineering)**

<u>JUNIOR</u>	<u>Hours</u>	<u>SENIOR</u>	<u>Hours</u>
ENME 3030	3	ENME 4420	3
ENME 3400	3	ENME 4430	3
ENME 3470	2	ENME 4470	2
ENME 3480	3	ME Elective	3
ENME 3070	3	ENME 3850	3
ENME 3070L	1	ENME 4850	3
ENME 3700	3	ENME 4500	3
ENME 3580	3	Beh/Soc Sci	3
ENCE 3520	3	Non-Western Cult	3
ENME 3040	3	Humanities/Fine Arts	3
ENEE 3280	3	ME Elective	3
ENEE 3280L	1		
ENME 3090 or ENCH 3320	3		
	34		32
			66

ME electives: Fall – ENME 4400, ENME 4450, ENME 4999;
Spring: ENME 4410, ENME 4460 or ENME 4480