East Central University/Murray State College Articulation Agreement

Bachelor of Science: Mathematics

Teacher Certification Concentration
Catalog Year 2017-2018

Associate of Science—Mathematics	Bachelor of Science—Mathematics
☐ COL 1211 Academic Success	☐ COMM 1113 Fundamentals of Speech
☐ ENG 1113 English Comp I	☐ MATH 2213 Intro to Probability & Statistics
☐ HST 1483 U.S. History to 1877 **OR** HST 1493 U.S. History since 1877	☐ MATH 3093 Intro to Theorem Proving/Number Theory
☐ MTH 1513 College Algebra*	☐ PSYCH 3463 Child & Adolescent Psychology
☐ CIS 1113 Computer Applications	☐ EDUC 2012 Foundations of Education
☐ Science Elective w/ Lab 17	☐ EDUC 2211 Field Experience I
	☐ EDUC 2631 Foundations of Educational Technology
☐ ENG 1213 English Comp II	☐ EDUC 2402 Survey of Exceptional Children 18
☐ Science Elective w/ Lab	☐ MATH 4913 Meth Teach Sec Math **OR** MATH —-3 Req Elec 3000-4000 level
☐ HWP 1112 Personal Health	☐ MATH 3713 Linear Algebra
☐ MTH 1613 Plane Trigonometry*	☐ MATH 3213 College Geometry
☐ Humanities Elective 15	☐ —-3 Required Upper Level Math Elective
	☐ EDPSY 3513 Educational Psychology
☐ PHY 2015 Engineering Physics I	☐ EDUC 3001 Field Experience II
☐ MTH 2215 Calculus I w/ Analytic Geometry*	☐ EDUC 4632 Educational Technology 18
☐ CS 1613 Programming I*	☐ MATH 3033 Calculus & Analytic Geometry III
☐ Humanities Elective 16	☐ MATH 3813 Modern Algebra
	☐ MATH 4923 Perspectives in Mathematics
☐ MTH 2315 Calculus II w/ Analytic Geometry*	☐ MATH —-3 Required Elective 3000-4000 level **OR** MATH 4913 Meth Tch Sec Math
☐ PHY 2115 Engineering Physics II	☐ EDUC 4043 Strategies for Effective Teaching
☐ GVT 1113 American Federal Government	☐ EDUC 4611 Field Experience III 16
☐ PSY 1113 Introductory Psychology* 16	☐ EDUC 4262 Student Teaching Seminar I
	☐ EDUC 4282 Student Teaching Seminar II
	☐ EDUC 4975 Supervised Student Teaching
Total Credit Hours 64	☐ EDUC 4975 Supervised Student Teaching 14
	Total Credit Hours 66

* please see chart on second page for course equivalencies

Total Credit Hours Completed: 130
Total Credit Hours Applied to BS Degree: 124

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Course Equivalency Table

Murray State College	East Central University
MTH 1513 College Algebra	MATH 1513 College Algebra
MTH 1613 Plane Trigonometry	MATH 1713 Trigonometry
MTH 2215 Calculus I w/ Analytic Geometry	MATH 2825 Calc and Analytical Geometry I
MTH 2315 Calculus II w/ Analytic Geometry**	MATH 3025 Calc and Analytical Geometry II
PSY 1113 Intro Psychology	PSYCH 1113 General Psychology
CS 1613 Programming I	CMPSC 1113 Computer Programming I

Articulated using MSC's A. S in Mathematics.

General Education equivalencies can be found by referring to either the Oklahoma State Regents Transfer Matrix or the ECU Transfer Matrix. Both matrices can be found at www.ecok.edu by clicking on *Academics* and scrolling down to *Course Transfer Matrix.*

Articulated with Professional Education as the minor. This minor is required by the Teacher Certification Program, please see an advisor for appropriate courses.

**Will transfer as course content but not for upper level credit: Student should meet with an ECU advisor for more information.

NOTES:

A student transferring with an Associate degree in Arts or Science from MSC fulfills ECU's general education requirement by transferring his or her credit to East Central University. Transferring credit for general education does not eliminate or otherwise affect any of the following ECU requirements: (1) prerequisites; (2) specific requirements in majors, minors or related work in these areas; or (3) the requirements for teacher certification.

A student must earn at least 40 semester hours in upper-division courses (numbered 3000 or higher). A course taught at MSC may equate in content to an ECU 3000-4000 level course, but it will not be counted as part of the 40 hours of upper level courses.

A student must earn at least 60 semester hours, excluding physical activity courses, at a baccalaureate degree granting institution.