Math Middle Grades Course Equivalency Guide

COMPETENCY	LU ONLINE Course Options	Available Courses from: Straighterline Study.com Sophia Learning https://www.liberty.edu/online/transfer-partnerships/	Available College Level Exams: CLEP or DSST/Dantes *all exams are 3 credit hours each unless noted otherwise
Math: 21 minimum hours are required per the VDOE and Liberty's School of Education. The 21 hours must be spread throughout the 4 sections below. One course must be taken in each section to fulfill the required competency.			
College Algebra	**Undergrad level:** MATH 121/College Algebra MATH 126/Elementary Calculus for Business & Science MATH 131/Calculus & Analytic Geometry I MATH 132/Calculus & Analytic Geometry II **Grad Level:** MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus	**Straighterline:** MAT 101/College Algebra MAT 201/Precalculus **Study.com:** MATH 101/College Algebra MATH 103/Precalculus MATH 105/Precalculus Algebra **Sophia Learning:** College Algebra	**CLEP Exams accepted:** College Algebra Pre-calculus **DSST/Dantes Exams accepted:** Fundamentals of College Algebra
Geometry	**Undergrad level:** MATH 217/ Elementary Geometry MATH 131/ Calculus & Analytic Geometry I MATH 132/ Calculus & Analytic Geometry II MATH 405/Fundamentals of Modern Geometry **Grad Level:** MATH 505/Fundamentals of Modern Geometry	**Straighterline:** MAT 250/General Calculus I MAT 251/General Calculus II **Study.com:** MATH 104/Calculus Geometry 101/Intro to Geometry	**CLEP Exams accepted:** Calculus (Geometry)
Probability & Statistics **PLEASE NOTE:** We cannot use Psychology or Social Science Statistics.	**Undergrad level:** MATH 201/Intro to Probability & Statistics	**Straighterline:** MAT 150/Business Statistics MAT 202/Intro to Statistics **Study.com:** Statistics 101/Principles of Statistics **Sophia Learning:** Intro to Statistics	**DSST/Dantes Exams accepted:** Principles of Statistics

Applications of Math *Must be College Level Math Courses **PLEASE NOTE:** We <u>cannot</u> use Psychology or Social Science prefixes. Courses must be Math.	**UG Level:** MATH 110/Intermediate Algebra MATH 114/Quantative Reasoning MATH 115/Mathematics for Liberal Arts MATH 117/Elements of Mathematics MATH 131/Calculus and Analytical Geometry I MATH 132/Calculus and Analytical Geometry II MATH 250/Intro to Discrete Mathematics MATH 350/Discrete Mathematics MATH 423/ Abstract Algebraic Structures **Grad Level:** MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus	**Straighterline:** MAT 201/Precalculus **Study.com:** MATH 102/College Mathematics MATH 103/Precalculus MATH 107/Quantitative Literacy MATH 108/Discrete Mathematics	**CLEP Exams accepted:** College Mathematics Pre-calculus **DSST/Dantes Exams accepted:** Math for Liberal Arts

Updated KH: 8.1.23 ** If you wish to take courses at another institution, please email contentcompevals@liberty.edu for instructions and approval.

For our Transfer Partnerships, please visit our website at: https://www.liberty.edu/online/transfer-partnerships/ . Please note, our partnerships update yearly and at times, these courses can change.