

## Math Middle Grades Course Equivalency Guide

COMPETENCY	LU ONLINE Course Options	Available Courses from: Straighterline Study.com Sophia Learning  <a href="https://www.liberty.edu/online/transfer-partnerships/">https://www.liberty.edu/online/transfer-partnerships/</a>	Available College Level Exams: CLEP or DSST/Dantes  *all exams are 3 credit hours each unless noted otherwise
<p><b>Math:</b> 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.</p>			
<b>College Algebra</b>	<p style="text-align: center;"><b>Undergrad level:</b> MATH 121/College Algebra MATH 126/Elementary Calculus for Business &amp; Science MATH 131/Calculus &amp; Analytic Geometry I MATH 132/Calculus &amp; Analytic Geometry II</p> <p style="text-align: center;"><b>Grad Level:</b> MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus</p>	<p style="text-align: center;"><b>Straighterline:</b> MAT 101/College Algebra MAT 201/Precalculus</p> <p style="text-align: center;"><b>Study.com:</b> MATH 101/College Algebra MATH 103/Precalculus MATH 105/Precalculus Algebra</p> <p style="text-align: center;"><b>Sophia Learning:</b> CA 1001/College Algebra MATH 1035/Precalculus</p>	<p style="text-align: center;"><b>CLEP Exams accepted:</b> College Algebra Pre-calculus</p> <p style="text-align: center;"><b>DSST/Dantes Exams accepted:</b> Fundamentals of College Algebra</p>
<b>Geometry</b>	<p style="text-align: center;"><b>Undergrad level:</b> MATH 217/ Elementary Geometry MATH 131/ Calculus &amp; Analytic Geometry I MATH 132/ Calculus &amp; Analytic Geometry II MATH 405/Fundamentals of Modern Geometry</p> <p style="text-align: center;"><b>Grad Level:</b> MATH 505/Fundamentals of Modern Geometry</p>	<p style="text-align: center;"><b>Straighterline:</b> MAT 250/General Calculus I MAT 251/General Calculus II</p> <p style="text-align: center;"><b>Study.com:</b> MATH 104/Calculus Geometry 101/Intro to Geometry</p>	<p style="text-align: center;"><b>CLEP Exams accepted:</b> Calculus (Geometry)</p>

<p><b>Probability &amp; Statistics</b></p> <p><b>PLEASE NOTE:</b> We <u>cannot</u> use Psychology or Social Science Statistics.</p>	<p><b>Undergrad level:</b> MATH 201/Intro to Probability &amp; Statistics</p>	<p><b>Straighterline:</b> MAT 150/Business Statistics MAT 202/Intro to Statistics</p> <p><b>Study.com:</b> Statistics 101/Principles of Statistics</p> <p><b>Sophia Learning:</b> Intro to Statistics</p>	<p><b>DSST/Dantes Exams accepted:</b> Principles of Statistics</p>
<p><b>Applications of Math</b> *Must be College Level Math Courses</p> <p><b>PLEASE NOTE:</b> We <u>cannot</u> use Psychology or Social Science prefixes. Courses must be Math.</p>	<p><b>UG Level:</b> 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</p> <p><b>Grad Level:</b> MATH 510/Applied Linear Algebra MATH 520/Abstract Algebraic Systems MATH 530/Foundations of Multivariable Calculus</p>	<p><b>Straighterline:</b> MAT 201/Precalculus</p> <p><b>Study.com:</b> MATH 102/College Mathematics MATH 103/Precalculus MATH 107/Quantitative Literacy MATH 108/Discrete Mathematics</p>	<p><b>CLEP Exams accepted:</b> College Mathematics Pre-calculus</p> <p><b>DSST/Dantes Exams accepted:</b> Math for Liberal Arts</p>

Updated KH: 5.13.25 \*\* If you wish to take courses at another institution, please email [contentcompevals@liberty.edu](mailto: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.