

MAT 120 MATH FOR LIBERAL ARTS

Math for Liberal Arts highlights the connection between mathematics and the society in which we live, with an emphasis on real-world applications for meaning and context. This course explores set theory and logic, mathematical modeling, probability and statistics, and consumer math.

Does Your Program Require Math for Liberal Arts?

You may be required to take Math for Liberal Arts if you are pursuing a degree or certificate in...

- ❖ Art History, Communication, English, History, Music, Spanish, Studio Art, Theater
- ❖ Criminal Justice, Philosophy, Early Childhood Education, Paralegal Studies

Check with your Pathways Advisor to confirm which math course is the best choice for you.

Are You Prepared for Math for Liberal Arts?

Before entering your first college-level math course, you should reflect on the strength of your academic habits, math attitude, and content knowledge to determine whether or not you might need additional support to be successful in the course. In the tables that follow, use check marks to indicate the responses you identify with best to help you choose your ideal level of support.

This statement sounds...	very much like me	somewhat like me	not at all like me
I can read and understand math word/story problems and am able to identify the important information.			
I actively participate in class discussions and activities, and regularly complete my assignments on time.			
I am able to interpret the solutions to math problems and can usually tell when an answer isn't reasonable.			
I work persistently to solve math problems, even if the problems are challenging or unfamiliar to me.			
I feel comfortable seeking help from an instructor or tutor when I do not fully understand something.			
I study or do extra work beyond required assignments to strengthen my understanding of the material.			

There are times when I feel excited or curious about new mathematical problems and techniques.			
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Previous Math Experiences	Check the response that best describes you		
My overall high school GPA was ____.	3.5 – 4.0	2.5 – 3.5	below 2.5
In high school, I took ____ math classes.	4 or more	3	2 or fewer
I typically earn _____ in math classes.	A's	B's or C's	D's or F's
I took my last math class _____.	less than one year ago	1 – 2 years ago	more than 2 years ago

<u>Without a Calculator...</u>	I can do this	I need a review	I need to learn
Fill in the box with a < or > symbol: $-2 \square -5$			
Write in order: 5, -3, $\frac{5}{2}$, $-\frac{1}{4}$, 0, 2.75, -0.5			
Round to the nearest tenth: 38.249			
Convert to a decimal: 20.4%			
Find the value of $2x + y$ when $x = -6$ and $y = 10$			
Solve for t : $I = prt$			
Solve the equation: $x + 2 = 5$			
Solve the proportion: $\frac{5}{3} = \frac{20}{x}$			
Plot the points: (3, 0), (-2, 4), (1, -5)			
Graph the line: $y = \frac{1}{2}x - 3$			

Where Should You Go From Here?

Once you have completed all three parts of the survey, count the total number of check marks in each of the columns. Your column totals can help you and your advisor determine whether

you are ready to take the college-level course, would benefit from also taking a co-requisite support, or may also need to seek additional support resources to ensure your success in the course.

Column 1 Total: _____

Column 2 Total: _____

Column 3 Total: _____