

MAT 1260 INTRO TO STATISTICS

Intro to Statistics focuses on the study of descriptive and inferential statistics, emphasizing critical thinking and statistical literacy. This course introduces probability and explores several methods for data collection, numerical summary, graphical display, statistical analysis, and inference.

Does Your Program Require Intro to Statistics?

You may be required to take Intro to Statistics if you are pursuing a degree or certificate in...

- ❖ Anthropology, Geography, Political Science, Psychology, Sociology
- ❖ Criminal Justice, Economics, Horticulture Business Management

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

Are You Prepared for Intro to Statistics?

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.			

I am experienced with using Excel and calculators and feel comfortable learning new technology.			
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
Sort into groups of equal value: 0.05, 0.5, .5, 5%, 50%, 0.5%			
Fill in the box with a < or > symbol: $-1.99 \square -2$			
Round to nearest thousandth: 0.07345			
Convert to a percent: 0.395			
What number would need to be added to 0.73 to get 1?			
Simplify: $10 - 2(5 - 1)$			
Simplify: $\frac{4 - 10}{2}$			
Evaluate for $x = 2$: $-3x + 14$			
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: _____