Intermediate Algebra

There are many reasons that a student might decide to take math. Here are a few:

- A deep love and appreciation for all things mathematical.

- It's a prerequisite for another course or program of study that interests them.

- It satisfies the math requirement for a degree or for transfer.

- They would like to develop their reasoning and logic skills to be more marketable in the work force.

This course emphasizes applying an understanding of math concepts to solving problems. The concepts are developed through mathematically analyzing real data, and interpreting the results.

Another emphasis is on forming study habits and an attitude of persistence that will give you confidence to attempt to solve math problems in your life and/or in subsequent math classes. Success breeds success, and I hope all of you will carry over successes in this class into your life after this class.

To give you an idea of what I expect you to come out of this class with, I will share three Student Learning Outcomes with you. They are:

At the end of the semester, students will be able to:

- Through real world applications, students will be able to create, manipulate, and interpret mathematical models of relationships involving linear, exponential, polynomial, radical, and rational functions.

- Students will recognize, apply, and interpret multiple representations (graphic, symbolic, numerical/data, verbal/applied) of functions and their applications.

- Students will develop skills and attitudes for effectively solving problems at an intermediate algebra level.