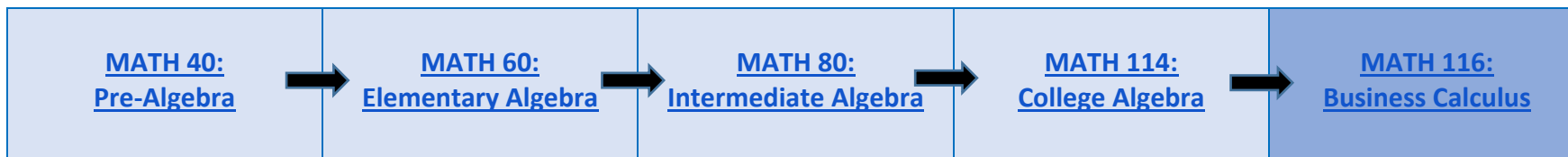


MATH 116 Business Calculus

4.0 Unit Transferable Course



Why this course: You should enroll in Math 116 if you are comfortable with your algebra skills. It is a survey of calculus; as such, you will learn derivatives and integrals of algebraic, logarithmic, and exponential functions of one or more variables, related rates, areas under and between curves, and using algebra and calculus to accurately sketch curves.

What you should already know:

- Solving linear, quadratic, rational, radical, exponential, and logarithmic equations
- Factoring polynomials (taking out the Greatest Common Factor, trinomials such as $ax^2 + bx + c$ and the difference of squares)
- Adding, subtracting, multiplying, and dividing rational expressions (algebraic fractions)
- Visualizing/sketching graphs of linear(lines), quadratic(parabola), radical, rational, and exponential functions given the equation without the use of a graphing calculator

What will be challenging:

- Finding a derivative of a function
- Finding the integral of a function

To meet these challenges:

- Spend 10 to 12 hours a week completing homework and studying for the course
- Visit the Instructor's Office hours
- Utilize the Math Tutors in the Math Success Center

Want to know more?

- [Sample pre-test](#)

- [Sample final exam](#)