Support for Intro Calculus

Last Updated: Mon, 07/21/2025

Course prefix: MATH

Course number: 1499

Section: R

CRN (you may add up to five):
94185

Instructor First Name: Hyun Jeong

Instructor Last Name: Kim

Semester: Fall

Academic year: 2025

Course description:

This course is designed to refresh your pre-calculus skills to support your study of differential calculus.

Course learning outcomes:

The purpose of this course is to support students in introductory Calculus classes by refreshing and enhancing their algebra and trigonometry skills. Specific objectives include:

• Students will understand the idea of a function, and be able to graph, evaluate, and algebraically manipulate various types of functions.

• Students will understand the basic transformations of graphing functions.

• Graphs and applications will be applied to polynomial, rational, and transcendental functions, including exponential, logarithmic, and trigonometric functions.

• Students will be able to use and apply the various properties of exponential, logarithmic, and trigonometric functions.

Required course materials:

Textbook : *Algebra and Trigonometry with Interactive Assignments, 4th edition, by Kirk Trigsted*

MyMathLab Course Information: Homework assignments will be posted on MyMathLab. You will need to purchase a code for MyMathLab in order to complete the on-line homework assignments. MyMathLab comes with an entire electronic version of the textbook; thus, it is

not necessary to purchase a hardcopy of the text unless you prefer to do so. You may purchase a MyMathLab code either from the bookstore or on-line at www.pearsonhighered.com .

Grading policy:

- Participation : 2%
- MML weekly reading assignments : 15%
- Classwork (MML classwork, group work, short quizzes done in class) : 33 %
- Four 30-minutes in-class tests : 50%

Attendance policy:

Attending class is important. Class attendance and participation will be recorded and scored on a 0-2 scale. The scale is determined as follows: 2 points for above 90%, 1 point for above 80, and 0 otherwise.

0.5 pt Bonus for above 95% participation. Late arrivals and early departure will be also noted as Late.

Academic honesty/integrity statement:

Students are expected to maintain the highest standards of academic integrity. All work submitted must be original and properly cited. Plagiarism, cheating, or any form of academic dishonesty will result in immediate consequences as outlined in the university's academic integrity policy.