

# Syllabus

**Math 1150 (precalculus)**

**Spring 2019**

## **TEXTBOOK:**

College Algebra & Trigonometry Mathematics 1e, by Miller & Gerken, ISBN: 9781259976612. This textbook is packaged with an access code to Connect Math for your online homework. It may be purchased at the bookstore or online.

## **CALCULATORS:**

A graphing Calculator is a required component in this course. It is recommended that you use a TI-83, TI-83 plus, or TI 84. However, TI-89, TI-92, and calculators with a Computer Algebra System Capability are **not** permitted during exams or quizzes.

## **GEC INFORMATION:**

This Mathematics course can be used, depending on your degree program, to satisfy the Quantitative and Logical Skills category of the General Education Requirement (GEC).

The goals and learning objectives for this category are:

Goals:

To study the conceptual foundations of precalculus mathematics and to develop the computational and problem-solving skills needed for that purpose.

Learning objectives:

Understanding the basic properties of “elementary” functions: polynomial, rational, exponential, logarithmic, trigonometric, and inverse trigonometric functions; modeling real-life situations in terms of these functions.

Introduction to vectors, systems of equations, and conic sections.

## **COURSE GRADE:**

Your final grade will be based on your recitation score, midterms scores, and final exam score. The point values for each are given below.

Total Possible Points:

RECITATION: 100 points (Quizzes: 50 points, Homework: 50 points)

MIDTERMS: 300 points (3 midterms at 100 points each)

FINAL EXAM: 200 points

TOTAL: 600 points

GRADING SCALE (Adjustments to this scale may be made):

<i>A</i>	<i>A–</i>	<i>B+</i>	<i>B</i>	<i>B–</i>	<i>C+</i>	<i>C</i>	<i>C–</i>	<i>D+</i>	<i>D</i>
90%	87%	83%	80%	77%	73%	70%	67%	63%	60%

## **RECITATION:**

QUIZZES: There will be 10 quizzes, each worth 10 points, with a final total score of 50. points

The 2 worst quizzes will be dropped for each student. As a result, there will be no makeups for quizzes without a valid (documented) and a significant reason for the student’s absence.

HOMEWORK: The homework consists of suggested practice problems from the textbook, along with online graded problems from ConnectMath.

**DOING THE HOMEWORK ON A REGULAR BASIS IS THE BEST WAY TO PREPARE FOR**

## **THE EXAMS!**

### **EXAMS:**

Exam Schedule:

The DATES are indicated on the daily calendar. Attendance at the exams is required. You must have your OSU ID at each exam.

**STUDENTS SHOULD NOT MAKE TRAVEL ARRANGEMENTS THAT CONFLICT WITH THE FINAL EXAM. SUCH A CONFLICT IS NOT A VALID EXCUSE FOR MISSING THE REGULARLY SCHEDULED FINAL EXAM.**

### **CARMEN CANVAS:**

This is a web-based course tool that allows you to view your grades, course materials, and announcements.

You can access Carmen Canvas by visiting <http://carmen.osu.edu> .

You will need your OSU ID and password.

### **HELP WITH THE COURSE:**

#### **OFFICE HOURS:**

Your lecturer and recitation instructor will have office hours for individual help.

#### **MATHEMATICS AND STATISTICS LEARNING CENTER (MSLC):**

The MSLC offers the following services:

**TUTOR ROOM, EXAM REVIEWS, WORKSHOPS.**

For more information about these services please visit the MSLC website:

<http://www.mslc.ohio-state.edu/courses/1150>.

### **DISABILITY SERVICES STATEMENT:**

Students with disabilities that have been certified by Student Life Disabilities Services (SLDS) will be appropriately accommodated and should inform the instructor as soon as possible of their needs.

**SLDS contact information:** [slds@osu.edu](mailto:slds@osu.edu); 614-292-3307; 098 Baker Hall, 113 W. 12th Avenue.

### **ACADEMIC MISCONDUCT STATEMENT:**

It is the responsibility of the Committee on Academic Misconduct to investigate or establish procedures for the investigation of all reported cases of student academic misconduct. The term "academic misconduct" includes all forms of student academic misconduct wherever committed; illustrated by, but not limited to, cases of plagiarism and dishonest practices in connection with examinations. Instructors shall report all instances of alleged academic misconduct to the committee (Faculty Rule 3335-5-48.7). For additional information, see the Code of Student Conduct at <http://studentlife.osu.edu/csc/>.