

MATH 1160: Precalculus Syllabus

Spring 2017
MTWRF 2-2:50 PM
Strickland 204

Instructor Information

Instructor	Email	Office Location & Hours
Alyssa Cherry	alyssa.cherry@mail.missouri.edu	114 Math Sciences Building Tuesday 12:45-1:45 pm Wednesday 3-4 pm Friday 9-10 am

General Information

Course Websites

Blackboard/WebAssign: <https://courses.missouri.edu>

Departmental Website: <https://www.math.missouri.edu/class/prec calculus-mathematics>

Course Description

This course is designed to prepare students for Math 1500 (Calculus I). Elementary algebra will be reviewed and trigonometry will be a main focus. Course topics include algebraic, trigonometric, logarithmic, and exponential functions. Beware that this course moves quickly.

Prerequisites

Students enrolled in Math 1160 (Precalculus) must satisfy one of the following prerequisites:

- A grade of C- or higher in Math 1100/1120 at MU, or at another institution of higher learning
- A grade of B+ or higher in Math 0110 at MU
- ALEKS Math Placement Exam score of 56% or higher, dated 9/15/15 or later

Students who do not meet the prerequisite requirements WILL BE DROPPED from Math 1160.

For more information about the ALEKS Exam (and to take it), visit: mathplacement.missouri.edu

Course Materials

Required & Optional Materials

WEBASSIGN ONLINE HOMEWORK ACCESS WITH ELECTRONIC TEXTBOOK (Required) - This course is part of the AutoAccess Program designed to reduce the cost of course materials for students. You will be able to access the digital content for this course (online homework and electronic textbook) through Blackboard on the first day of class automatically. Your student account will be charged \$46.99 on January 26, 2017 for the cost of the digital course

materials if you are still enrolled in the course at that time. There is an optional loose-leaf textbook (Precalculus, 7th ed. by Stewart, Redlin, and Watson, ISBN 9781305586024), an optional study guide (Precalculus, 7th ed. by Stewart, Redlin, and Watson, ISBN 9781305253636) and an optional student solutions manual (ISBN 9781305253612) available for sale at The Mizzou Store.

NOTE TAKING GUIDE (Required) - A manual containing an outline of class notes is available through The Mizzou Store.

Calculators are not allowed in this class. If you are caught using a calculator on any graded material (quiz, lab worksheet, homework or exam) you will receive a zero on that assignment (this includes exams). No exceptions.

Course Information

Attendance

Attendance is vital to your success in this course. You are expected to attend **all** scheduled class sessions (lectures and labs). If you are to miss class for any reason, you are responsible for learning any material covered, obtaining any class notes or materials distributed, and being aware of any announcements given in class. Students who arrive late or leave early will be considered absent. All absences are treated equally, regardless of the reason - there are no "excused" or "unexcused" absences. Although I understand that there may be legitimate reasons for missing class, it is expected that students will limit their absences to 8 or fewer in order to avoid the penalty outlined below. It is your responsibility to keep track of the number of your absences.

POOR ATTENDANCE POLICY: Prior to May 1st, students with 9 or more absences and an Exam average below C-, may be dropped from the class due to poor attendance. (Any exceptions must be arranged with the course coordinator.)

Grading

Midterm Exams (3 at 150 points)	450 points (45%)
Final Exam (Comprehensive)	250 points (25%)
Quizzes (Lowest 2 dropped)	100 points (10%)
Online Homework	150 points (15%)
Lab Worksheets (Lowest 2 dropped)	50 points (5%)
Total Points Possible	1000 points

Homework

All graded homework assignments are to be done online using **WebAssign**. These problems are algorithmically generated and will be similar, but not identical, to the numbered problems in the textbook. You will have **nine** attempts to work each problem correctly. After every *three* submissions on a specific problem, a new problem will be generated. All of the homework assignments will be due on May 5th, the Friday before your final. You should not wait until the last minute to do all of your assignments. It will be to your advantage to do each assignment as soon as you are able. It is also advised to have each assignment which pertains to the upcoming exam done before that particular exam as exam questions are taken from homework questions and in-class notes.

Practice Homework

There are practice exercises from each section in your electronic textbook. In order to be successful, you should work some (or all) of these problems before exams or if you have problems with certain sections. Further, there are practice exercises from each section available online in WebAssign. These assignments are labeled as "practice" and are not worth credit. A variety of online tutorials are available as you work the practice exercises online, such as hints and viewing a guided solution after one submission.

Weekly Lab Worksheets

Weekly lab worksheets will be given to you during your lab session and will be due during that same lab session (which are either Tuesday or Thursday). The material on the lab will be comprised of the sections covered in the previous week's lectures. You will be given approximately one hour to finish your lab worksheets during your lab sessions, with the assistance of your TA and group members. **Late lab worksheets will not be accepted for any reason.** However, your **two** lowest lab scores will be dropped at the end of the semester. If you miss a lab or are more than 10 minutes late, for any reason, you should plan accordingly to use your dropped score. With prior approval, for University sanctioned events/travel only, an alternative lab worksheet may be turned in two days later.

Weekly Lab Quizzes

Weekly quizzes will be given at the end of lab sessions, covering material from the lab worksheet. Your **two** lowest quiz scores will be dropped at the end of the semester. If you miss a lab session or are more than 10 minutes late, for any reason, you should plan accordingly to use your dropped scores. **Makeup quizzes will not be given** under any circumstances. For University sanctioned events/travel - in which case a letter from a faculty sponsor must be provided - the quiz will receive no grade and will not be counted as one of the dropped scores nor included in the quiz average for the course.

Exams

This course will have three midterm exams and a comprehensive final. All midterm exams will be held during the regular class period BUT in **Tucker Hall room 18**. The dates of the midterm exams and final exam are listed on the Course Calendar. The location for the final exam is to be determined and will be posted closer to the date of the final.

MAKEUP EXAMS WILL NOT BE GIVEN FOR ANY REASON. If a student contacts me prior to the exam and provides approved documentation for missing the exam for a legitimate reason, then the student will receive on the missed exam, the percentage scored on the final exam. (This can only be done once during the semester.)

Approved excuses include the following: (a) the exam overlaps with participation in a University sanctioned athletic or academic event, (b) the student has a serious medical condition, or (c) the student has a death in the immediate family. Students who anticipate an exam conflict with any University sanctioned activity or University sanctioned travel should contact the course coordinator at the beginning of the semester. Students who have a chronic medical condition that may cause them to miss exams without prior warning should contact the course coordinator at the beginning of the semester. **Students who become ill the day of the exam should immediately seek in-person medical attention for purposes of documenting the illness and their inability to take the exam.** This documentation would need to be given to the course coordinator well before the exam is scheduled to be taken. Students who are informed of a death in the immediate family the day of the exam should immediately contact the course coordinator.

The following are not legitimate reasons to miss an exam: personal travel, such as vacations, weddings, or graduations; work schedules; oversleeping; court appearances; university events that are not sanctioned athletic or academic events, such as fraternity and sorority events, intramural sports or club activities.

Students who miss exams or who arrive more than 30 minutes late due to personal negligence will receive no credit. No exceptions.

Additional Information and Resources

Students with Disabilities

Please let the course coordinator know as soon as possible if:

- You anticipate barriers related to the format or requirements of this course.
- You have emergency medical information to share.
- You need to make arrangements in case the building must be evacuated.

If you require disability-related accommodations (such as a note-taker, extended time on exams or captioning), please register with The Disability Center: <http://disabilitycenter.missouri.edu>, S5 Memorial Union, 882-4696. After you have registered, please notify me of your eligibility for reasonable accommodations. For other MU resources for students with disabilities, click on "Disability Resources" on the MU homepage.

NOTE: If you are eligible for exam accommodations, you must submit the appropriate online form well in advance in order to ensure the Disability Center can accommodate your request. Your instructor/TA are unable to provide accommodations, and all students needing exam accommodations must make advance arrangements with the Disability Center.

Drop/Withdraw Dates

- TUESDAY, JANUARY 24: Last Day to Register, Add, or Change Sections (Can be done via MyZou)
- MONDAY, FEBRUARY 20: Last Day to Drop a Course (Can be done via MyZou)

If you drop a course prior to this deadline, there will be no record on your transcript.

- MONDAY, MAY 1: Last Day to Withdraw from a Course with a "W" or an "F"

After the last day to drop, you will need the signature of your instructor in order to withdraw.

Academic Integrity

Academic integrity is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person's work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards breaches of the academic integrity rules as extremely serious matters. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, collaboration, or any other form of cheating, consult the course instructor.

Intellectual Pluralism

The University community welcomes intellectual diversity and respects student rights. Students who have questions concerning the quality of instruction in this class may address concerns to either the Departmental Chair, Divisional leader, Director of the Office of Student Rights and Responsibilities (<http://osrr.missouri.edu>), or the MU Equity office (<http://equity.missouri.edu> or equity@missouri.edu). All students will have the opportunity to submit an anonymous evaluation of the instructor(s) at the end of the course.

The Learning Center

The Learning Center (<http://learningcenter.missouri.edu>) is an academic support center for undergraduate students at MU, located in the Student Success Center. The center offers free supplemental instruction in math, writing, reading, and study skills. You will be notified about free tutoring and exam reviews offered by the Learning Center.

WebAssign Technical Support

ONLINE SUPPORT: www.webassign.net/user_support/student/

PHONE SUPPORT: (800) 955-8275

Problems or Concerns

If you have any problems or concerns regarding this course, please contact:

Alyssa Cherry, Course Coordinator (alyssa.cherry@mail.missouri.edu)

Stephen Montgomery-Smith, Director of Undergrad. Studies (stephen@missouri.edu, 573-882-4540)

In all correspondence, include your full name, student ID #, course (Math 1160), section, and Professor's/TA's name.