

MATH 2144 Calculus 1

Syllabus

Instructor's Contact Information

Instructor: Travis Grigsby
Office: MSCS 408
Email: traving@okstate.edu

Office Hours

Monday - Wednesday, 4:00pm - 5:00pm in the MLSC (On the 5th floor of the library.)

Required Materials

1. Textbook: Calculus Early Transcendentals, 3rd edition, by Jon Rogawski
2. Online Homework: WebAssign (<http://www.webassign.net/login.html>)

Tutoring

Free tutoring is available in the MLSC located on the 5th floor of the library. This is a nice open space to study any subject and as a bonus if you're working on math you can ask a tutor for help.

MLSC Schedule

Monday - Thursday, 10:30am - 5:00pm

Course Description

Calculus is intimately connected to the study of measurement and approximation. For this reason calculus is fundamental to the study of many disciplines such as physics, engineering and economics. Our aim in this course is to ensure that you understand the concepts and tools of calculus; that you master the skills required to use those tools; and that you will be able to apply those ideas to solve problems in many disciplines.

Prerequisites: A satisfactory score (minimum 75) on the ALEKS placement exam, or a grade of C or better in either MATH 1613 or MATH 1715.

Expectations

Each student is expected to be an active participant in class by asking and answering questions. During class, the use of cellphones, tablets, and laptops is prohibited. In addition to the time spent during class you should expect to spend an additional 8 hours each week studying for this course.

Homework

Each week you will have WebAssign homework due. Pay attention to the WebAssign calendar for the exact due dates. Occasionally you will be given a written homework assignment during class which will be due during the next class. Keep a homework notebook where you work out WebAssign problems and bring this notebook with you to office hours if you need help.

Quizzes

In this course you will occasionally have unannounced quizzes. These quizzes will be given during the last 20 minutes of class and you are allowed to use your notes during these quizzes. Each quiz will be about 5 problems in length and may cover any material in the course prior to that day.

Exams

There will be two midterms and a final exam in this class. Dates for these exams will be announced during class.

Make-Ups: Make-Ups for exams will be given only in extreme circumstances. Valid reasons will require documentation and include,

1. University Activities (Research presentations, athletic teams, etc.)
2. Military Obligation, Jury Duty, or other mandatory court appearance
3. Serious illness or injury to the student or an immediate family member.

Students should contact the instructor to schedule a make-up no later than the day after the missed exam.

Academic Integrity

Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct. Please see the OSU Syllabus Attachment for more information. You are encouraged to work and study together, however all written and online work you turn in must be your own. Copying someone else's solutions or letting others copy your work is prohibited. **Do not cheat.** Violations may subject you to disciplinary action including : receiving a failing grade on an assignment, examination or course, receiving a notation of a violation of academic integrity on your transcript, and being suspended from the university.

Syllabus Attachment

The general university syllabus attachment contains important information including instructions about disability accommodations. Please contact me privately during the first week of class if you need accommodations as the result of a disability. **Please read the OSU syllabus attachment on the webpage :**

<http://academicaffairs.okstate.edu/content/resources-faculty-staff> , follow the link under Syllabus Attachment for Summer 2016.

Grading

There are two grading schemes and for each student the one that results in the higher grade will be used.

| Scheme A | Scheme B |
|-----------------|-----------------|
| 15 % Homework | 15 % Homework |
| 15 % Quizzes | 15 % Quizzes |
| 20 % Exam 1 | 15 % Exam 1 |
| 20 % Exam 2 | 15 % Exam 2 |
| 30 % Final Exam | 40 % Final Exam |

Before either scheme is used your lowest homework grade and your lowest quiz grade will be dropped.

If the student regularly participates in class and has not missed more than two days of class by the end of the term, then the student's final exam grade can be used to replace the student's lowest midterm grade.

Determination of Grades

| Percentage in Course | Corresponding Grade Earned |
|----------------------|----------------------------|
| 90 % - 100 % | A |
| 80 % - 89 % | B |
| 70 % - 79 % | C |
| 60 % - 69 % | D |
| 0 % - 59 % | F |

Final Note: Any changes to this syllabus will be communicated to the student during class.