

MATH 2144: Calculus I, Section 62461



My Contact Information

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Section Information

Class: MTWF, 8:30–9:20 a.m.
355 Physical Sciences
Website: <https://online.okstate.edu/>
Office Hours: TBD
MLSC Hour: TBD

Prerequisites

A score of at least 70 on the ALEKS placement exam, or a grade of at least *C* in a college-level course in Trigonometry or Pre-Calculus.

Course Objectives

You will learn the definition of *derivative*, or rate of change, in terms of *limits*. You will learn an algorithm to calculate derivatives of elementary functions. You will learn the definition of *integral*. You will learn the *fundamental theorem of calculus*, which reduces the calculation of integrals to calculating antiderivatives. Finally, along the way you will learn several of the many *applications* of these methods.

Required Purchases

- *Calculus: Early Transcendentals*, 3rd ed., by Rogawski and Adams
- A subscription to WebAssign:
for section 62461, use WebAssign Key
okstate 4920 9012.

Corequisite Option

On Wednesday, the 22nd of August, you will take a precalculus assessment. Based on your performance we may recommend that you switch to one of the corequisite sections of calculus. These sections will meet five days a week and spend more time on precalculus review.

Parachutes

Before the end of Friday, the 31st of August, we may be able to “parachute” you to College Algebra, to Trigonometry, or to Precalculus with no grade penalty. Contact me as soon as possible if you wish to pursue this option.

Disability Accommodation

Contact me and Student Disability Services **now** if you need accommodations for a disability. It takes time to get paperwork through.

Final Exam

Upon the conclusion of the course, you must undergo a comprehensive final exam. The final exam is scheduled to take place on **Wednesday, the 12th of December, from 12:00 noon to 1:50 in AGH 002.**

Midterm Exams

You must also undergo three *midterm* exams. They are scheduled to take place on the following days **from 5:30 to 6:30 in AGH 002:**

Exam 1: 18th Sep.
Exam 2: 16th Oct.
Exam 3: 13th Nov.

Grades

Category	Scheme I	Scheme II
Exams 1-3	15% each	10% each
Final Exam	25%	40%
WebAssign	15%	15%
Written Work	15%	15%

For each student, the scheme above that results in the higher grade will be used. The letter grade is determined as follows: let $A = [90, 100]$, $B = [80, 90)$, $C = [70, 80)$, $D = [60, 70)$, and $F = [0, 60)$. A grade $X\%$ is lettered by the above interval in which X lies.

I will take attendance, but it will not count directly towards your grade.

You will have three chances to answer each WebAssign question with no score reduction, and two additional chances, each with 20% reduction.

You can request extensions to your WebAssign work through its online interface.

I will not accept written work after the due date. However, your three lowest written work grades will be dropped at the end of the semester.

OSU Policy

At studentconduct.okstate.edu/code you can find the *Student Code of Conduct*, which sets forth the University's expectations of student behavior and its procedures for dealing with misbehavior.

Academic Integrity

All work you submit as your own must be your own. You must also not permit others to copy your work as their own. Violations of OSU's academic integrity may subject you to receiving the sign **F!** on your transcript denoting such a violation, or to suspension from OSU.

Assessment Technology

You may bring an approved calculator and a prepared 3×5 -inch note card to assessments.

Immediate access to the following capabilities during assessments constitutes a violation of OSU's academic integrity: computer algebra systems (CASs); image capture; video capture; and telecommunication. Devices with such access must be turned off and placed in

an opaque container, or handed in to me for the duration of the assessment.

You may borrow an approved calculator for the semester from MSCS 401 without charge.

Exam Policies

You may be able to make-up a midterm or final exam for a valid reason documented in advance. **Notify me as soon as you know of a conflict, or you may be ineligible for a make-up.**

I may not be able to respond to emails received 24 hours before an exam until after the exam.

Class Structure

Classes on Monday, Tuesday, Wednesday, will be lectures punctuated by in-class exercises.

Written work is due on Wednesdays. Written work that would be due on an exam week will be due the following Wednesday instead, along with that week's written work.

Classes on Friday will begin with discussion, then continue with a lecture.

Classes directly before exams are review sessions.

MLSC

Please avail yourself of the **Mathematics Learning Success Center** on floor 5 of the Edmon Low Library. For more information, point your web browser to math.okstate.edu/mlsc.

OSU Resources

Read the Fall 2018 Syllabus Attachment at academicaffairs.okstate.edu/content/resources-faculty-staff.

It contains vital information such as add/drop dates and disability policy, and also it has references to OSU's many resources.

Acknowledgements

I thank Drs. Hoffman and Tallman for resources on which I based this syllabus.