



Instructor: Ashwini Bhat

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- Office: MSCS 440

Class Meeting: MTWF, 1:30 PM–2:20 PM, AGH 009

Office Hours:

- MSCS 440, Monday 11:00 AM–12:00 PM
- MLSC, Tuesday 12:00 PM–1:00 PM and 3:30 PM – 4:30 PM

Online Classroom: online.okstate.edu

WebAssign: webassign.net/login.html

Syllabus Attachment: academicaffairs.okstate.edu/content/resources-students

Class & Resource Information

Prerequisites: A satisfactory score (minimum 70) on the ALEKS placement exam, or a grade of “C” or better in a college-level course in Trigonometry or Precalculus.

Required Materials:

1. Textbook: *Calculus: Early Transcendentals*, 3rd edition, by Jon Rogawski and Colin Adams
2. Online homework system WebAssign (webassign.net/login.html).
 - WebAssign Class Key: **okstate 8711 6891**.

The Mathematics Learning Success Center (MLSC): The MLSC is on the 5th floor of the Edmon Low Library. The MLSC’s hours of operation for the Fall 2018 session are

- Sunday from 1:00 PM until 9:00 PM
- Monday through Thursday from 9:00 AM until 9:00 PM,
- Friday from 9:00 AM until 5:00 PM.

Tutoring for Calculus I will be in the West Tutoring Room. Check the MLSC’s website (mlscokstate.com) for information about special tutoring, office hours, and review sessions for your course.

Calculators: TI-83 and TI-84 models are permitted for all exams. A TI-89, Nspire, or a calculator with a computer algebra system, any technology with wireless or Internet capability (i.e., laptops, tablets, smart phones or watches), a QWERTY keyboard, or a camera is **not allowed** for exams. If you do not own an allowable calculator, you may borrow a calculator for the semester from the Department of Mathematics, MSCS 401, without charge. Graphing calculators can be a valuable tool, but not a substitute for your own conceptual understanding.

Course Information

Calculus deals with functions that relate two varying quantities and the rules that govern the rates at which one of these quantities changes or accumulates with respect to the other. Understanding calculus enables one to solve many problems in mathematics, science, and engineering. Our aim in this course is to ensure that you understand the concepts of calculus, that you master the skills required to use those tools, and that you will be able to apply the foundational ideas of calculus to solve novel problems in many disciplines.

Expectations: All students are expected to be active participants in class by asking and answering questions. During class, the use of cellphones, tablets, and laptops is prohibited since these can be distracting. Plan to spend, on average, eight hours each week outside of class on Calculus I. This includes reading the text, solving problems, discussing questions with others, and making use of office hours and the MLSC. Should you miss class, you are responsible for what you missed.

Missing Work/Exam Policy: I will offer reasonable accommodations in the event that you miss a major assessment activity for a valid and documented reason, **assuming documentation is provided in advance**, unless absolutely impossible. For a quiz or exam, you need to notify me as soon as you know there is a conflict; you will be ineligible for a make-up if you do not do so. If you cannot make it to class when a written assignment is due, you should turn it in early or have a classmate turn it in for you.

Grades, Homework, and Exams

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

Category	Scheme A	Scheme B
Exams 1-3	15% each	10% each
Final Exam	25%	40%
Homework: WebAssign	15%	15%
Quizzes & In-Class Work	15%	15%

Determination of Grades:

$$90\% \leq A \leq 100\%$$

$$80\% \leq B < 90\%$$

$$70\% \leq C < 80\%$$

$$60\% \leq D < 70\%$$

$$0\% \leq F < 60\%$$

Homework: To learn calculus, you must practice! You will have WebAssign homework frequently throughout the semester (approximately two assignments per week). For each problem, you will have three chances to answer without any reduction in score, and then two additional chances with a reduction of 20% each time. Keep a homework notebook where you work out the WebAssign problems and/or print the assignments and keep them in a binder.

Exams: There will be three one-hour exams in the evening, and a comprehensive Final Exam.

Exam 1 Tuesday, September 18th from 5:30 to 6:30 PM

Exam 2 Tuesday, October 16th from 5:30 to 6:30 PM

Exam 3 Tuesday, November 13th from 5:30 to 6:30 PM

Final Exam Wednesday, December 12th from 12:00 to 1:50 PM

All of your exams will be in EN 108. You are permitted a 3×5-inch note card and an approved calculator for each exam.

Academic Integrity & Drops

Academic Integrity: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct. Please see the OSU Fall 2018 Syllabus Attachment for more information. You are encouraged to work and study together, however **all written and online homework you submit 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 the following: receiving a failing grade on an assignment, examination, or course, receiving a notation of a violation of academic integrity on your transcript (F!), or being suspended from the University.

Drops and Parachutes The nonrestrictive add/drop deadline is Monday, August 27th. Within two weeks of the start of classes, Dr. Kable may be able to parachute students to College Algebra, Trigonometry, or Precalculus without any grade penalty. Talk with me immediately if you feel that one of these classes might be more appropriate for you.