

MATH 2144: Calculus I, Section 005

Instructor: Steven Edalgo
E-mail: edalgo@okstate.edu
Office: MS 412
Phone: 1-405-744-2291

Class Meeting: MWRF 12:30 to 1:20 p.m. AGH 275
Office Hours: T 12:30-1:30 p.m. MLSC F 2:00 – 3:00 p.m. (Also by appointment)
W 2:00 - 3:00 p.m.
D2L(Online Classroom): <http://oc.okstate.edu>

Prerequisites: A satisfactory score (min. 70) on the ALEKS placement exam, or a grade of C or better in a college-level course in Trigonometry or Pre-Calculus.

Required Materials: (1) Textbook: *Calculus: Early Transcendentals, 2nd edition*, by Jon Rogawski and (2) Online homework system WebAssign (<http://www.webassign.net/login.html>).

- For Section 005 use WebAssign Class Key: **okstate 9944 9862**

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 the calculus enables us to solve many problems in mathematics, science, and engineering. Our aim in this course is to ensure that you understand the concepts and tools of the 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.

Expectations: All Students are expected to participate and be involved in class asking and answering questions. During class, there should be no use of cell phones or laptops, as these can be distracting. Plan to spend, on average, eight hours outside of class on Calculus. This includes reading the text, working on problems, discussing questions with others, and making use of the SI sessions, office hours or MLSC. Should you miss class it is your responsibility for obtaining any handouts and find out about any announcements or assignments you may have missed.

Missing Work Policy: I will offer a reasonable accommodation 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 tell me as soon as you know there is a conflict and will be ineligible for a make-up if you do not. If you will not make it to class when hw is due you should turn it in early or get a classmate to turn it in for you.

SI Sessions: These sessions are designed to help you succeed in this course and will begin in the second week of classes. I encourage you to attend weekly. The times will be determined within the first week of classes.

The Mathematics Learning Success Center (MLSC): The MLSC is on the 5th floor of the Edmon Low Library, and is a great resource. The MLSC has tutors who work with students from Calculus I and help you with your questions. Hours for Calculus I tutoring:

- Monday – Thursday from 1:00 to 9:00 p.m.
- Friday from 1:00 to 5:00 p.m.
- Sunday from 1:00 to 9:00 p.m.

Syllabus Attachment: Please read the OSU syllabus attachment on the web from the page: <http://academicaffairs.okstate.edu/faculty-a-staff> follow the link under Syllabus Attachment for Spring 2015. This has a lot of important information, including instructions about disability accommodations. Please contact me privately during the first week of the course if you need accommodations as the result of a disability.

Grades: There are two schemes, for each student the one that results in the higher grade will be used:

| | Scheme A | Scheme B |
|---------------------|----------|----------|
| 3 Hour Exams | 15% each | 10% each |
| Final Exam | 25% | 40% |
| Diff Gateway | 5% | 5% |
| WebAssign | 10% | 10% |
| Written Assignments | 15% | 15% |

Earning a score of 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D. These cutoff scores may be lowered if circumstances warrant.

Homework: To Learn Calculus You Must Practice! **WebAssign:** You will have assignments for each section during the week. You will have at least a day to do the assignment following the completion of the material in class. I will give extensions if needed. For each problem, you will have 3 chances to answer without any reduction in score, and then two additional chances with a reduction of 20% each time. I encourage you to keep a notebook for hw where you work out the WebAssign problems, or to print the assignments work through the problems and keep it in a binder. **Written Assignments:** I will give these assignments in class every Friday and they will be due the next Friday when the new assignment is available. If your work is not legible it will not be graded and will not receive any credit.

Differentiation Gateway: This is designed to ensure that you master the skills of differentiation. It is a no partial credit quiz, meaning you earn all 5% of the final grade if you answer 6 of 7 questions correctly, otherwise no credit is earned. The differentiation Gateway is scheduled for **Monday, March 2nd during class!** There will be additional opportunities for retakes for those who do not pass on the first attempt, but these will take place outside of class time.

Exams: There will be 3 Hour Exams in the evenings, and a comprehensive Final Exam for this course:

- Exam 1 Wednesday, February 11 from 5:30 to 6:30 p.m.
- Exam 2 Wednesday, March 11 from 5:30 to 6:30 p.m.
- Exam 3 Wednesday, April 22 from 5:30 to 6:30 p.m.
- Final Exam Tuesday, May 5th from 4:00 to 5:50 p.m.

All of your exams will be in **CLBN 101**. For the exams you are allowed a calculator and a 3 by 5 note card.

Calculators: TI 83 and TI 84 models are permitted on Exams and the Final Exam. You may not use a TI 89, Nspire, or a calculator with a computer algebra system, wireless or internet capability, a QWERTY keyboard, or a camera. If you do not own an allowable graphing calculator, you may borrow one from the Math Department office without charge. Graphing calculators can be a valuable tool, but not a substitute for your own conceptual understanding.

Academic Integrity: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. Please see the OSU Spring 2015 Syllabus Attachment for more information. You are encouraged to work and study together, however all **written and online work you hand in must be your own**. Copying someone else's solutions, 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 notation of a violation of academic integrity on your transcript (F!), and being suspended from the University.

Drops and Parachutes: The Last Day to drop a class without a W is Tuesday, January 20th. Within two weeks of the start of classes, Dr. Francisco may be able to parachute students to College Algebra, Trigonometry or Precalculus without any grade penalty. Talk with you instructor immediately if you would be more comfortable in one these classes.

Any Changes to the syllabus will be announced in class and posted on D2L.