

Fall 2012, Math 2144, Calculus I, Section 010

Instructor: Dr. Andrei Pavelescu

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Office Phone: 405-744-5479 (use only in case of a mathematical emergency; do not expect me to answer between 11 pm and 9 am)

Office Hours: MW 3-4 pm and Th 5-6pm in MSCS 417, F 2:30-3:30 pm in the MLSC, or by appointment

Course Times: MWThF 1:30 - 2:20 PM in Business B09.

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 Pre-Calculus.

Required Materials: (1) Textbook: *Calculus: Early Transcendentals*, 2nd edition, by Jon Rogawski, and (2) Online homework system WebAssign (<http://www.webassign.net>). Note that if you buy your book someplace other than one of our local bookstores, you may have to buy WebAssign access directly from WebAssign, which will cost at least \$38 per semester. Our bookstore sells the textbook bundled with life of the edition access to WebAssign for a reasonable combined price. You must go online and enroll yourself in WebAssign with access to our section as soon as possible:

- For Section 010 use WebAssign Class Key: **okstate 5196 8047**

Course content: This course covers most of chapters 1–6 in our text.

Calculator usage: While graphing calculator usage will be permitted on exams as long as your calculator does not have wireless or internet capability, a QWERTY keyboard, or a camera, I strongly advise you to try and do most of your computations by hand/brain. If you do not own an acceptable graphing calculator, you may borrow one from the Math Department office without charge, starting Tuesday, August 21. Free response exam questions will always require you to show all steps in calculations and to fully justify your answers. Quizzes will not allow calculator usage.

Grade Distribution: Your final score for this class shall be computed thus:

- **Exams** worth 70% of your grade, consisting of 3 hourly exams (midterms) and a comprehensive final exam. Your exam grade is determined in one of two ways, based on which produces a higher average:

Option 1: Hourly exams 15% each, Final exam 25%

Option 2: Hourly exams 10% each, Final exam 40%

Section 008 Exams: Midterms take place during class time in the regular classroom.

- Exam 1, Wednesday, September 19: covers up through section 3.2;
- Exam 2, Wednesday, October 24: covers up through section 4.4;
- Exam 3, Wednesday, November 28: covers up through chapter 5;

– Final Exam: **Tuesday, December 11, 12:00–1:50 PM** in **MUR 035**.

- **WebAssign Assignments**, worth 10% of your grade, are online homework assignments corresponding to all sections of the text, typically due by 11PM two days after they are posted.
- **Quizzes and Team Homework**, worth 20% of your grade. Quizzes will be given during regular class time. Team homework will be due once a week. There will be no make-up quizzes, but your lowest two quiz scores will be dropped from grade computation.

Grading: The course averages given below guarantee the stated grade. These cutoff scores may be lowered if circumstances warrant:

- 90% guarantees an A- in the course,
- 80% guarantees a B-,
- 70% guarantees a C-,
- 60% guarantees a D-.

MLSC: The Mathematics Learning Success Center provides free tutoring sessions on the first floor of the Edmon Low Library. The tutors who work with students from Calculus I can help you prepare for class by reading your text in advance; they can help you understand class notes, complete WebAssign homework problems, or they can help a Team prepare their Team Homework. Tutoring for Calculus I will take place in the Library during the following hours:

- Monday through Thursday from 1:00 PM until 9:00 PM;
- Friday from 1:00 PM until 5:00 PM;
- Sundays from 3:00 PM until 9:00 PM.

Makeup exams: Makeup exams will be given only for very serious and unavoidable extenuating circumstances and **only** if you notify me before or by the end of the day of the missed exam. Documentation must be provided.

Academic Integrity: Oklahoma State University is committed to the maintenance of the highest standards of integrity and ethical conduct of its members. This level of ethical behavior and integrity will be maintained in this course. Participating in a behavior that violates academic integrity (e.g., unauthorized collaboration, plagiarism, multiple submissions, cheating on examinations, fabricating information, helping another person cheat, unauthorized advance access to examinations, altering or destroying the work of others, and fraudulently altering academic records) will result in your being sanctioned. 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!), and being suspended from the University. Carefully read the OSU policy at <http://academicintegrity.okstate.edu/>

Course Resources: Useful Links:

- D2L-Desire to Learn(Midterm grades, syllabus and other useful content will be posted here) <https://oc.okstate.edu/>
- Webassign (regular homework assignments) <https://www.webassign.net/>
- MLSC (tutoring happens there) <http://www.math.okstate.edu/mlsc/calccroom>