MATH 2153 - CALCULUS II, SECTION 006 - FALL 2014

Professor: Leticia Barchini
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Office hours: Th, 10:00- 12:00pm (at MLSC); and by appointment.
Office: 502 C Mathematical Sciences Building
WebAssign site: https://www.webassign.net/login.html. Class key: **okstate 4826 9090**
Textbook: Calculus (Early Transcendentals, Second Edition), by Jon Rogawski
Note Undergraduate assistant Amanda McDonnell will be available to help with homework, coming to some of the lectures and also holding review sessions. Her review sessions will be scheduled during the first week of class.

This course will be more abstract than other math courses you have taken. To succeed in this class it is essential that you attend regularly, seek help when you can not understand a topic and work through the sections of the textbook that are discussed in class. You should expect to average six hours of work outside the class per week and more if you are struggling.

Syllabus Attachment: Please read the OSU syllabus attachment on the web, linked at http://academicaffairs.okstate.edu/current-students. 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 a result of a disability.

Grading: There will be

- three in-class exams worth 100 points each;
- a comprehensive final exam work 150 points;
- homework, quizzes and classwork worth 150 points.

There is a total of 600 available points. An overall score of 90% or more will ensure an A, a score between 80% and 89% will ensure a B, a score between 70% and 79% will ensure a C, a score between 60% to 69% will ensure a D.

Attendance: Attendance is required. It is rare for a student to do well if he or she misses many classes.

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Exams: All exams will be in class. The dates of the exams are **Thursday, September 18**; **Thursday, October 30**; **Thursday, November 20**. The final exam is on **Thursday, December 11 from 2:00- 3:50 am**. You must tell me in writing by **Tuesday, November 25**, if you have a university-approved conflict with the final exam; if you do not meet the deadline, you may not be allowed to take a conflict exam, and if you are, you will have your score decreased up to 15% as a penalty. I cannot give a conflict exam if you do not have a university-approved conflict.

Quizzes and Classwork: I will give short quizzes in class, usually but not necessarily always announcing them in advance. On some days, you may hand in other work that you complete in class, possibly individually and possibly done in groups. I will not announce days on which we do this classwork in advance. Scores will of all homework and written work will be added and rescaled to account for 25% of the course grade.

Homework: It is impossible to learn calculus without practicing it. I will assign homework essentially every week. You will use WebAssign to do a lot of the computational homework, and you will have written assignments as well. The written assignments will help you learn to communicate mathematical ideas in a clear, rigorous manner and get feedback on your techniques. I do not generally accept late homework. Missing even one homework can drastically lower your course grae, so please keep up with your work. You should expect to have to work hard to get some of the problems; you do not learn anything by doing problems identical to what I do in class. Please attend office hours at the first sign of trouble.

Pedagogy:
- I will use an interactive teaching method. Each class will have two components; a theoretical part with plenty of examples and a computational part. *You will need to bring your computer with you every class period.* We will work on homework and prepare for quizzes in class. Amanda and I will be available to clarify ideas and help with homework.
- Review for exams will be done in more than I class. Review will start at least a week prior to each exam. A quiz will be given prior to each exam as a pratice. Results on teh quiz will be given prior to the exams to give you time to review concepts that might need more work. DO NOT WAIT FOR A REVIEW THE CLASS PRIOR TO THE EXAM! Such review will not be suffice to succeed in the exam.

Conflicts: I will offer 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 you have a conflict and will be ineligible for a

make-up if you do not. If you won't be in class when a homework is due, turn it in early or give it to someone else to turn in prior to the deadline. I require proof of the reason for your absence (e.g., a doctor's note, proof of involvement in an OSU-sponsored activity, etc.) and you should not assume you will be eligible for a make-up exam or quiz unless I have explicitly approved the request.

Calculators: I will not allow the use of calculators in exams.

Academic Honesty: Don't cheat. Don't copy from other students, or present work you find in printed or electronic sources as your own. You may get help in homework form other people but should write the solutions independently, without looking at anything someone else has produced. **In this class, copying on quizzes or exams or allowing someone to copy off of you may result in an F! for the course. Copying or allowing someone to copy your work on homework carries a penalty of up tp 10 percent points off your semester homework grade in the first instance and an F! in the class in a second instance.** For questions, contact Office of Academic Affairs, 101 Whitehurst, (405) 744-5627.

What if you need help? You have lots of resources for this course. Often students find it helpful to talk to each other and work through homework. You are encouraged to send me e-mails with your questions and to attend office hours. Finally, there is free tutoring available at the MLSC. See http://www.math.okstate.edu/mlsc for details.