

Math 2153: Calculus II, Section 702

MWF 9:30-10:20 am, CLB 213

Instructor: Dr. Michael Oehrtman
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Office Hours: MWF 11:30 am - 12:30 pm
in the MLSC, 5th floor of Edmon Low Library
or by appointment

WebAssign site: <https://www.webassign.net/login.html>. Class key: **okstate 9606 2554**

Online Classroom (D2L) site: <https://oc.okstate.edu> (then log in and find our course)

Prerequisite: Grade of C or better in Math 2144 or equivalent, membership in the Honors College.

Textbook: Calculus (Early Transcendentals, 3rd edition), by Jon Rogawski

This is a three credit-hour mathematics class that goes quickly and will certainly be more abstract than other math courses you have taken. You should expect to average six hours of work outside of class per week and more if you are struggling. It is very difficult to succeed at this level of mathematics without consistently spending that much time reading the textbook, doing practice problems, and getting help.

Syllabus Attachment: Please read the OSU syllabus attachment, available on the web at <http://academicaffairs.okstate.edu/sites/default/files/Fall%202015%20Syllabus.pdf>. 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 are two schemes, and for each student, I will pick the one that gives the higher grade.

Scheme 1	
hour exams (3)	15% each
WebAssign	15%
Quizzes/classwork	15%
Final exam	25%

Scheme 2	
hour exams (3)	10% each
WebAssign	15%
Quizzes/classwork	15%
Final exam	40%

Earning 90% guarantees an A for the semester, 80% a B, 70% a C, and 60% a D. I reserve the right to use discretion if you are on the borderline between two grades, considering performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgment of your effort. I will not drop any exam scores. I will drop your two lowest scores from the homework/quizzes/classwork category.

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

Exams: Three one-hour exams will be given in class. Tentatively, the hour exams are scheduled for Friday, February 19, Wednesday, March 23, and Friday, April 22. I will announce any changes in class and on D2L. The final exam is on **Friday, May 6** from 8:00 am to 9:50 am. You must tell me in writing by **Monday, April 18** if you have a university-approved conflict with the final exam time; if you do not meet that 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.

Homework: It is impossible to learn calculus without practicing it. I will assign homework every week. You will use WebAssign to do a lot of the computational homework, and you will have written assignments as well, some of which may be done in groups. The written assignments will help you learn to communicate mathematical ideas in a clear, rigorous manner and get feedback on your techniques. I will post all due dates on WebAssign, and I do not generally accept late homework. Missing homework can dramatically lower your course grade, so please keep up with the work, and start early. Computer or network difficulties are not an excuse for late homework. You should expect to have to work hard to get some of the problems; you don't learn anything by doing problems identical to what I do in class. Almost all of my best students need to come to office hours at least occasionally; you should see me at the first sign of trouble.

Labs & Quizzes: Approximately once/week, we will work in small groups on labs that develop the central concepts in the course. Attendance and participation is especially crucial on these days. On occasion you may turn in individual write-ups or group write-ups of these class activities and make presentations of your work to the other groups in the class. Most often, your performance on labs will be evaluated during an in-class quiz. Quizzes will typically be announced and occur a few days after the lab day.

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 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 your request.

Calculators: I will allow calculators without QWERTY keyboards, Internet connections, and symbolic manipulation capabilities on exams and quizzes. (That is, I won't allow calculators that can do indefinite integrals for you.) Don't use calculators as a substitute for conceptual understanding.

Academic Honesty: Don't cheat. Don't copy off of other students, allow other students to copy your work, or present work you find in printed or electronic sources as your own. You may get help on homework from other people or sources but should write your solutions independently, without looking at anything someone else has produced. For questions, contact the Office of Academic Affairs, 101 Whitehurst, (405) 744-5627, <http://academicintegrity.okstate.edu>. I deal with cheating very harshly; don't take any chances.

What if I need help? You have lots of resources for this course. Often students find it helpful to talk to each other and work through homework or practice problems together. For **quick** questions, you can send me e-mail and you should certainly come see me in person during office hours if you have something more than a quick question. Finally, there is free tutoring available in the MLSC. See <http://www.math.okstate.edu/mlsc> for details. **Above all, see me early if you have questions.** Good luck.

First Assignment: Easiest 5 points of the semester, due by 5:00 p.m. on Wednesday, January 15.

1. Send me an e-mail with a **paragraph** (not a list) including your name, year in school, major, hometown, last math class (and instructor if taken at OSU), and anything interesting about yourself you want to tell me, especially your interests in and out of school. These e-mails let me know something about my students and help me get to know everyone. If you don't get a reply from me within a day, I probably didn't receive the e-mail; talk to me about it.
2. Go to <https://oc.okstate.edu> to log on to the Online Classroom (Desire2Learn). After logging in, you should see Math 2153 in your list of courses. Look at the course documents in the Content section, and find the Discussion board. You should use the Discussion board to converse with me and with others in the class about homework and exam preparation.
3. Find the syllabus attachment described above, and read it carefully.
4. Log onto WebAssign at <https://www.webassign.net/login.html>, and register for this section.