Math 2153: Calculus II Honors, Section 702, MWF 9:30-10:20, in Old Central 103

Professor: Chris Francisco
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Office: 407 Mathematical Sciences Building
Office Phone: (405) 744-5774
Office Hours: Monday, 10:30-11:30, Wednesday, 1:00-2:30, Thursday, 1:30-3:00, and by appointment.
WebAssign site: https://www.webassign.net/login.html. Class key: **okstate 1284 2052**
Desire2Learn site: https://oc.okstate.edu (then log in and find our course)
Prerequisite: Math 2153. Honors College membership.
Textbook: Calculus (Early Transcendentals, Sixth Edition, OSU-customized), by James Stewart

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 do at least 6 hours of work outside of class each 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 on the web at http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Spr.htm. 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.

Grading: You will have 3 hour exams, each worth 15% of your grade. Homework and quizzes are worth 30%. The final exam is worth the remaining 25%. Earning a score of 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, taking into consideration performance on the final exam, improvement or decline during the semester, attendance, and my subjective judgment of your effort. You should attend every class, though I won't take attendance every day. I'll give approximate grade updates after exams. I **may** (or may not) choose compute your grade using a scheme of 10% for each hour exam, 30% for homework and quizzes, and 40% for the final exam if it would give you a higher grade.

Exams: All exams will be in class. The tentative hour exam dates are **Friday, February 11, Friday, March 11, and Friday, April 15**. I will communicate any changes in writing. The second exam is the day before spring break, and I will not give make-up exams for that exam for travel reasons. The final exam is on **Monday, May 2**, from 8:00 a.m. to 9:50 a.m. You must tell me in writing by **Monday, April 18**, if you have a 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.

Quizzes: I will give 2-8 short quizzes in class, announcing them at least one day in advance. I will only give make-up quizzes in rare circumstances. Quiz scores will be included in your homework point total.

Homework: It is impossible to learn calculus without practicing it. I will assign (almost) weekly homework. You will use WebAssign to do most of the computational homework, and you will have written assignments containing harder and/or more conceptual problems that are appropriate for an honors course. I will announce all due dates in class, and I do not accept late homework, nor do I drop any grades. **Missing even one homework can dramatically lower your grade in the course**, so please keep up with the work, and start early. You should print out the WebAssign assignment well in advance of the due date and write your work on paper before trying to enter answers online. 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.

Conflicts: I only give make-up exams and quizzes under extraordinary circumstances. If it is imperative that you miss a quiz or exam, tell me as soon as you know and **in advance unless absolutely impossible.** Depending on the reason for your absence, I **may** be able to arrange to give you an exam or quiz early or late, though I won't guarantee it, and you will be ineligible for a make-up no matter what the conflict if you did not inform me as soon as you knew about it. 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 plan not to allow calculators on quizzes and exams, but they won't be necessary. You may use calculators on homework, but don't use them as a substitute for conceptual understanding.

Academic Honesty: Don't cheat. Don't copy off of other students or allow other students to copy your work. Copying on exams merits a Level 2 sanction and an F! in the course. Copying on homework carries a penalty of up to 10 percentage points off of your semester homework grade per instance and a possible F! in the course on the second violation. Signing an attendance sheet for someone else or having someone sign for you will result in a 10 percentage point deduction from your homework grade the first time and an F! for any subsequent violation. Participating in any 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 receiving a failing grade or zero on an assignment, exam, or course, receiving a notation of a violation of academic integrity on your transcript (F!), and being suspended from the University. You have the right to appeal the charge. Contact the Office of Academic Affairs, 101 Whitehurst, (405) 744-5627, http://academicintegrity.okstate.edu. I deal with cheating very harshly; I wouldn't advise taking the chance.

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. You're encouraged to post questions and answers in the Discussion section of Desire2Learn. For **quick** questions, you can send me e-mail if you're really too shy to post there, 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 MLRC. See http://www.math.okstate.edu/mlrc for details. **Above all, see me early if you have questions.** Good luck.

First Assignment (Easiest 5 points of the semester)

Please do this assignment by Friday, January 14.

1. Send me an e-mail at chris.francisco@okstate.edu. If you were not in my class last semester: Write me a **paragraph** (not a list) including your name, year in school, major (if you know), hometown, last math class and professor, whether you've seen any of the material in Chapters 7 and 11 before (if so, what did you find hard?), and anything interesting about yourself you want to tell me, especially your interests in and out of school. If you were in my class last semester, just tell me what you've seen in Chapters 7 and 11 before and, if you've seen anything, what you found difficult. 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 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. Log on to WebAssign at https://www.webassign.net/login.html, and register for this section.
4. Read the syllabus attachment at http://osu.okstate.edu/acadaffr/aa/syllabusattachment-Spr.htm.