Math 1D : Calculus Fall 2018

Instructor: Fatemeh Yarahmadi

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Class Location and Time:T,R 4 -6:15/ MLC113
Office Hours: T,R 6:30-7 or by appointment/ E37

Text: Calculus: Early Transcendentals, by James Stewart, 8th edition.

Prerequisite: Math 1C, or equivalent course with a grade "C" or better.

Attendance: You are expected to attend all class meetings and complete all assignments. Come to class *on time* ready to learn and work for the entire class period. **Turn off cell phones and keep them out of sight.**
"Students missing one more class hour than the unit value for a particular course, without making prior arrangements may, at the instructor's option, be dropped without possibility of credit.
"***It is the responsibility of the student to drop the course.***

Sources of Help:
The De Anza campus has a tutorial center for math students where students can get "drop in" help. The tutorial center is located in room S-43.

Homework:

Homework sets for submission: During the term, I will collect assigned homework sets. These sets will include problem solving, critical thinking and applications exercises. Write your homework out in full detail, as modeled in the textbook and in class. There will be a strong emphasis on how the solutions are written up in this class. A subset of these exercises will be graded for correctness and all of it will be graded for completeness.

HW Guidelines:

*   Write your full name in the top right-hand corner of the first page.
*   STAPLE your homework. No paperclips!
*   Label each problem clearly – use highlighter to mark the number.
*   Do the problems in order, showing all work neatly, clearly and completely.

Exams: There will be <mark>Three exams</mark> to test your understanding of the concepts from lecture and the homework. They should be straightforward for those who complete and understand the homework. Each exam will be worth <mark>150 points</mark>. A total of 450 points will be counted toward your final grade

No make-up exams will be given. If you are forced to miss an exam, you need to contact me **before** the exam with a valid reason.

Final Exam: A comprehensive final exam worth 200 points will be given on the last day of the class.

Grading Policy:

Homework	Maximum of	110 points
Exam Reviews	3 @ 10 pts	30 points
Exams	3 @ 150 pts	450 points
Weekly Quizzes	Maximum of	60 points
Final		200 points
Total		**850 points**

Your grade will be computed as a straight average: the total number of points earned divided by the total points possible. Please keep all of your graded papers.

Student Honesty Policy: "Students are expected to exercise academic honesty and integrity. Violations such as cheating and plagiarism will result in disciplinary action which may include recommendation for dismissal."

Special Needs: "Students requiring special services or arrangements because of hearing, visual, or other disability should contact their instructor, counselor, or the Disabled Student Services office."

Recipe for Success:
- If you ever have any questions, COME TALK TO ME! You are welcome to send email to me whenever you need help!
- Visit the Tutoring Center.
- Form a study group.
- Attend all lectures and complete every homework assignment.
- For each hour of class time, expect to spend **two hours** outside of class reading the text, studying your notes, and working problems.
- Read the sections to be discussed in class prior to the lecture.

Tentative Schedule

24 September	25 Ch 14	26	27 Ch 14	28
1 October	2 Ch 14	3	4 Ch 14 (Quiz 1)	5
8	9 Ch 14	10	11 Ch 15 (Quiz 2)	12
15	16 Ch 15	17	18 **Exam 1** (Ch 14)	19
22	23 Ch 15	24	25 Ch 15 (Quiz 3)	26
29	30 Ch 15	31	1 November Ch 15 (Quiz 4)	2
5	6 Ch 16	7	8 **Exam 2** (Ch 15)	9
12 <mark>Holiday</mark>	13 Ch 16	14	15 Ch 16 (Quiz 5)	16
19	20 Ch 16	21	22 <mark>Holiday</mark>	23 <mark>Holiday</mark>
26	27 Ch 16	28	29 Ch 16 (Quiz 6)	30
3 December	4 **Exam 3** (Ch 16)	5	6 Final Review	7
Final Exam Week				

This schedule is subject to change. Contact your instructor if you have any questions.

Student Learning Outcome(s):

*Graphically and analytically synthesize and apply multivariable and vector-valued functions and their derivatives, using correct notation and mathematical precision.
*Use double, triple and line integrals in applications, including Green's Theorem, Stokes' Theorem and Divergence Theorem.
*Synthesize the key concepts of differential, integral and multivariate calculus.