

- Meets: MW 6:30PM-8:45PM. Room: De Anza E36
- Instructor: Vadim von Brzeski. Email: vonbrzeskivadim@deanza.edu
- Office Hours: Mondays 5:30PM – 6:30PM (before class). Location: De Anza E37
- Course description: Introduction to limits, differentiation, and integration of single variable functions. Differentiation of multivariate functions. Applications in business, economics, and social science.
- Student Learning Outcomes (SLO):
- Use correct notation and mathematical precision in evaluation and interpretation of derivatives and integrals.
 - Evaluate, solve, interpret and communicate business and social science applications using appropriate differentiation and integration methodologies
- Pre-requisites: MATH 11 or MATH 41. **Proficiency with algebra.** A desire to learn math.
- Materials: **Book (REQUIRED):** *Calculus and Its Applications*. Bittinger, Ellenbogen, Surgent, 11th edition. MyMathLab access **not** required.
Calculator (recommended): graphing calculator. A TI-84 is recommended (or TI-83+, TI-83). **NOTE: calculators will not be needed nor allowed on exams.**
- Method of Instruction / Philosophy: You don't learn math by reading or listening to math; you learn math by **doing** math. Thus, each session will be organized as follows: 60 minutes of lecture interspersed with problem solving/practice; 10 minute break; 65 min of lecture interspersed with problem solving practice. However, that is not enough – **you will need to spend at least 2-3 hours per week solving problems on your own.**
- Homework: There will be 7 homework assignments. Each homework assignment will be worth 10 points, and contain multiple problems. However, **only 2 problems from each homework assignment will be graded** (5 pts each). **Homework will be posted in Course Studio**, accessible from the MyPortal webpage.
Homework will be **due at the start of class** on the date it is due, in written form on paper. **LATE HOMEWORK WILL NOT BE ACCEPTED – DON'T ASK.** If you cannot make it to class to turn it in, scan it, take a picture of the pages, etc., and email it to me.
- Exams: There will be **3 midterm exams**. All exams will be closed book, but I may allow some notes depending on the material. The exam dates are shown in the Calendar. The midterm exams will be 1 hour long, **during the first hour of class.**
- The **final exam** will be on **Wednesday June 28; 6.15 pm – 8:15pm, in E36.** The final exam will be **cumulative**: 50% of it will cover material from the midterms, and 50% of it will cover material covered after midterm 3.
- NO MAKE-UP EXAMS WILL BE GIVEN.** The score on the final exam will replace one lowest score on the midterm exams (i.e. one lowest midterm score will be dropped and the final will count twice). For example, if you miss *one* midterm, your score on the final will replace that 0 on the midterm.

Grading Breakdown:		Quantity	Points Each	Total Points	%
	Homework	7	10	70	10%
	Tests	3	140	420	60%
	Final	1	210	210	30%
	TOTAL			700	100%

Grading Scale:	If total points....		Then grade:
	>= 679	97%	A+
	>= 651	93%	A
	>= 630	90%	A-
	>= 609	87%	B+
	>= 581	83%	B
	>= 560	80%	B-
	>= 539	77%	C+
	>= 490	70%	C
	>= 420	60%	D
	< 420	60%	F

Expectations of Students:

1. **Academic dishonesty will not be tolerated.** If a student is found cheating on an exam or a homework item, or violating other codes of academic integrity, he or she will receive a 0 score for the item in question. Repeated instances of cheating may lead to failing the course and further action. See the section on Academic Integrity in your current schedule of classes.
2. **Attendance:** A student who stops coming to class and does not drop the class will get the grade that their work earns. **It is the student's responsibility to drop the class.** You are *expected* to attend all classes.
3. **Showing your work:**
 - a. You need to **show your work on HW and exams** in order to receive full credit.
 - b. Your work needs to be **legible** – if I can't decipher your handwriting, you will lose points. Neatness will also help correctness.
4. **Class conduct:** Any student who is disruptive may be asked to leave class. A student who refuses to leave the room may be dropped from the class and reported for further action. **Students are expected to silence and put away mobile phone, tablets, etc,** and should refrain from eating during class.

Important Registrar Dates:

LAST DAY TO ADD: **April 22**
 LAST DAY TO **DROP** (full refund and no record of grade): **April 23**
 LAST DAY TO REQUEST PASS/NO-PASS: **May 5**
 LAST DAY TO DROP WITH A "W": **June 2**

Students with Disabilities:

For information or questions about eligibility, support services or accommodations to disability (physical or learning disability) see the contacts below:

- Disability Support Services (DSS): Student Services Building (408)864-8753
- Educational Diagnostic Center (EDC): Learning Center West 110; (408)864-8839.

Special Education Division: (408)864-8407; deanza.edu/specialed

Calendar

(The schedule below is *tentative and subject to change*, but I will do my best to stick to it.)

Week of	Monday		Wednesday	
10-Apr	Intro	Chapter R	1.1 HW 1 DUE	1.2
17-Apr	1.3	1.4	1.5	1.6
24-Apr	1.7 HW 2 DUE	1.8	EXAM 1	2.1
1-May	2.2	2.3	2.4	2.5
8-May	2.6	2.7	3.1 HW 3 DUE	3.2
15-May	EXAM 2	3.3	3.4	3.5
22-May	4.1 HW 4 DUE	4.2	4.3	4.4
29-May	Holiday		4.5 HW 5 DUE	4.6
5-Jun	EXAM 3	5.1	5.2	5.3
12-Jun	5.4 HW 6 DUE	5.5	6.1	6.2
19-Jun	6.3	(Buffer)	Review HW 7 DUE	Review
26-Jun	Practice Final (if possible)		FINAL Exam: Wednesday: 6:15-8:15 p.m.	

Final Words of Advice:

1. Attend all lectures. This is a fast paced class and we will usually cover two sections of a chapter in any given lecture.
2. Do all the homework problems. Show your work.
3. Try your best to not fall behind. **Sprint at the start, cruise to the finish.**
4. Do not go into an exam cold. Do not try to wing it. Study for exams by doing problems, not just by reading or glancing over the book. Practice, practice, practice. **Check your work!** Never turn in an exam early if you have not checked your work.
5. **Be neat** when writing math. Neatness can save you! Do not be lazy and try to do all calculations on the same line, rather take the time (and extra paper) to re-write the equations if necessary.
6. Ask questions if you do not understand something in class. I am more than happy to stop and repeat and explain.
7. Come to office hours if you're lost. See #2. If you can't make my OH times, email me to setup an appointment.