

MATH 10A – CALCULUS OF SEVERAL VARIABLES

Summer Session E 2018 – UC Riverside

Main instructor: Xavier Ramos Olivé

Office Hours: Mondays and Thursdays, 11:10 am – 1:00 pm, Surge 261 or 277

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Lectures: Monday, Tuesday, Wednesday, Thursday 10:10 – 11:00 am, Sproul Hall 1340

Discussion: Tuesday 3:10 – 4:30 pm, CHASS Interdisciplinary South 2134

Textbook: *Vector Calculus*, by Marsden and Tromba, 6th edition. An eBook version of the textbook is included when purchasing a Webassign account, which can be used for 10B with no additional cost.

Online Homework: we will use [Webassign](#). Assignments are due 6 days after they are scheduled. Class key: **ucr 1958 8047** (enroll in the class using this key by [clicking here](#)). More [info here](#).

Homework: there will be 5 written homework assignments and an extra credit homework assignment. They will be due in discussion, every Tuesday. Late HW will not receive any credit.

Midterm: the midterm is Thursday, August 23, during lecture.

Final exam: the final exam is Saturday, September 15, 10:30 – 12:30 pm, in Sproul Hall 1340.

Grades: a numerical grade will be computed according to the following formula:

$$\max \{40\% \text{ Final Exam} + 30\% \text{ Midterm} + 20\% \text{ HW} + 10\% \text{ Online HW}, 70\% \text{ Final Exam} + 30\% \text{ Midterm}, 100\% \text{ Final Exam}\}$$

Then, a letter grade will be assigned according to the following table:

A+	95 – 100
A	90 – 94
A-	85 – 89
B+	80 – 84
B	75 – 79
B-	70 – 74
C+	65 – 69
C	55 – 64
C-	50 – 54
D	45 – 49
F	<45

Extra credit: there will be an extra credit HW assignment; 5% of the grade of this assignment will be added to the total grade computed by the formula above. The exams might contain extra credit questions, whose points would be added to the total score of the corresponding exam.

Academic integrity: students committing academic misconduct will receive a grade penalty and will receive a disciplinary sanction appropriate for their misconduct, following [UC Riverside's policy](#).

Make up HW/exams: late homework will not be accepted. Only under very exceptional circumstances, an exam might be rescheduled, always with proper justification; this option will be given at the discretion of the professor, case by case.

Students with disabilities: UC Riverside is committed to providing equal access to learning opportunities to students with documented disabilities. To ensure access to this class, and your program, please contact the Student Disability Resource Center (SDRC) to engage in a confidential conversation about the process for requesting accommodations in the classroom. More information can be found on [sdrc.ucr.edu](#). If you are a student registered with the SDRC, please ensure you request your quarterly accommodations through [rability.ucr.edu](#).

Schedule: this schedule is subject to change, and should be taken only as an approximate course plan.

	Monday	Tuesday	Wednesday	Thursday
Week 1 (7/30 – 8/2)	1.1	1.1	1.2	1.3
Week 2 (8/6 – 8/9)	1.3	2.1 Turn in HW1	2.2	2.2
Week 3 (8/13 – 8/16)	2.3	3.1 Turn in HW2	2.4	2.5
Week 4 (8/20 – 8/23)	2.5, 2.6	2.6 Turn in HW3	REVIEW	MIDTERM
Week 5 (8/27 – 8/30)	3.2	3.2, 3.3	3.3	3.3 Turn in extra credit HW
Week 6 (9/3 – 9/6)	Holiday	3.4 Turn in HW4	3.4	3.4, 4.2
Week 7 (9/10 – 9/13)	4.3	4.3, 4.4 Turn in HW5	4.4	REVIEW