

MA 36200 Topics in Vector Calculus, Spring 2018

Tentative schedule, homework assignments and due dates (**subject to change**)

Week #	Sections in Book	Homework	Due Dates
1. 01/8 - 01/14	Sections 1.1, 1.2, 1.3, 1.4, 1.5, 2.1.	Section 1.3 (p.49): 2(a), 6, 10, 14. Section 1.4: 2. Section 1.5: (p.69) 6, 11. Chapter 1 Review: 36, 7(c).	01/17
2. 01/16-01/21 01/15 – no class	Sections 2.3, 2.4, 2.5.	Section 2.1 (p.86): 6, 10 (a). Section 2.3 (p.115): 8, 10 (a,c), 12 (a,b), 18 and 24. Section 2.4: 6, 18, 20, 23. Section 2.5: 8, 13, 32, 33.	01/24
3. 01/22 – 01/28	Sections 2.6, 3.1, 3.2, 3.3.	Section 2.6: 6, 18 (a), 21, 31. Section 3.1: 29, 30, 31. Section 3.2: 6, 9, 10. Section 3.3: 12, 15, 34, 37, 46.	01/31
4. 01/29 – 02/04 Quiz – 02/02 in class	Sections 3.4, 3.5, 4.1	Section 3.4: 4, 8, 38. Section 3.5: 2, 4, 16 and Review exercises for Chapter 3: 6, 30. Section 4.1: 14 (# 14 has a typo. Solve for points in the xz plane). Section 4.2: 8, 12.	02/07
5. 02/05 – 02/11	Sections 4.2, 4.3, 4.4	No homework. Practice problems for Midterm 1 will be posted on Homepage and on Blackboard Learn.	
6. 02/12 - 02/18 Midterm I – 02/13, 6.30-7.30pm, SC 239	Midterm1 solutions. Sections 4.4, 5.1, 5.2	Section 4.3: 4, 12, 16, 20, 24. Section 4.4: 2, 8, 10, 14, 24, 26, 40. Section 5.1: 8, 10. Section 5.2: 6, 8, 17.	02/21
7. 02/19 – 02/25	Sections 5.3, 5.4, 5.5	Section 5.3: 4, 8, 10. Section 5.4: 4, 14, 16, 18. Section 5.5: 6, 8, 14, 22, 30.	02/28
8. 02/26 – 03/04 Quiz – 03/02 in class	Sections 6.1, 6.2, 6.3	Section 6.1: 2, 4, 8. Section 6.2: 2, 4, 6, 28, 30, 34, 36. Section 6.3: 2, 14.	03/07
9. 03/05 – 03/11	Sections 7.1, 7.2 and 7.3	Section 7.1: 8, 12, 14, 22, 24. Section 7.2: 4, 6, 10, 14.	03/21

10.	SPRING VACATION		

11. 03/19-03/25 03/19 – no class	Sections 7.3, 7.4, 7.5	Section 7.3: 8, 14, 16, 18, 23. Section 7.4: 4, 6, 10. Section 7.5: 4, 6, 16, 22.	03/28
12. 03/26 -03/31	Sections 7.5, 7.6	No homework. Practice problems for Midterm 2 will be posted on Homepage.	
13. 04/02 -04/08 Midterm II – 04/03, 6.30-7.30 pm, SC 239	Midterm 2 solutions, Section 8.1	Section 7.6: 8, 10, 20, 22. Chapter 7 Review (p. 425): 1d, 2a, 5, 12a. Section 8.1: 2, 4, 7, 15, 17, 19.	04/11
14. 04/09- 04/15	Section 8.2 8.3	Section 8.2: 1, 4, 6, 9, 10, 20	04/18
15. 04/16- 04/22 Quiz – 04/18 in class	Sections 8.3, 8.4, Review	Section 8.3: 4 (a,b), 18(a,b). Section 8.4: 7, 8, 9, 10, 11, 11, 12, 13, 14.	04/ 25
16. 04/23 -04/28 04/27 – no class	Review	No homework. Practice problems for the final will be posted on Homepage.	
17.	FINAL EXAM		