

# Multivariable Calculus (Math 2110Q) Fall 2009 Schedule and Homework

## Tentative Schedule

Weeks are numbered chronologically with no skipping.

Week	Sections	Comments	Material Actually Taught
1	12.1-2		12.1-2
2	12.3-4	Quiz 1	12.3-4
3	12.5-6,13.1		12.5
4	13.2-3,14.1	Quiz 2	13.1-2,13.3 (up to curvature)
5	14.2-3	Midterm I	Finished 13.3
6	14.4-6	Quiz 3	14.1-3
7	14.7,14.8*,15.1		14.4-6
8	15.2-4	Quiz 4	14.7,14.8
9	15.6-8		15.1-3
10	15.9*,16.1-2	Quiz 5	15.4,15.6
11	16.3-5	Midterm II	15.7-8
12	16.6-7	Quiz 6	15.9
13		Thanksgiving	
14	16.8-9	Quiz 7	
15	review		

Starred sections will be covered time permitting.

## Homework Assignments

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# Homework Assignments

Numbered by weeks, in accordance with schedule. To be updated after each midterm.

## Homework covering material for Midterm I

1. 12.1 3,11,7 12.2 7,15,19,37
2. 12.3 7,9,17,23,37 12.4 3,9,11,31
3. 12.5 15,21,25,27 12.6 11,13,23,43 13.1 1,5,19-24,27
4. 13.2 9,15,19,33,45 13.3 1,5,13,25,43 14.1 9,39, 55-60

**Update (09/28/09)** Omit the following when studying for Midterm I: 13.3,25,53 and 14.1 All problems.

## Homework covering material for Midterm II

5. 13.3 25,53
6. 14.1 9,39, 55-60 14.2 5,9,17,25,35,37 14.3 5-8,19,21,33,45,55,65
7. 14.4 3,13,19,29 14.5 3,5,11,13,29,47 14.6 5,7,9,11,15,43,47
8. 14.7 1,3,5,13,31,39,43,51 14.8 3,11,19,25,45 15.1 9,17
9. 15.2 3,9,13,21,25,27 15.3 1,5,7,11,13,17,21,25,43,45 15.4 1,7,9,11,15,21,25

## Homework for material after Midterm II

Boxed problems are for submission. Due: Lecture on Friday December 4.

10. 15.6 1,3,7,11,13,19 15.7 3,5,7,9,11,17,21 15.8 3,5,7,9,11,17,19,21,23,27,39
11. 15.9 (not for test) 1,3,7,9,11,13,17,21 16.1 15-18, 35 16.2 3,5,7,15,17,19,21
12. 16.3 3,7,11,13,17,19,27,33 16.4 1,3,7,11,29 16.5 1,5,15,16,17,31