

Multivariable Calculus MTH 234-202

Summer-2014 Schedule

Textbook problems and Exams

This Schedule is tentative and subject to changes which must be announced in class, Homework problems are taken from the textbook.

- **Week 01**

6/30 12.1: 1, 9, 12, 18, 20, 25, 29, 31, 32, 40, 41, 44, 50, 52, 55, 58

12.2: 3, 5, 8, 9, 11, 13, 16, 17, 19, 20, 21, 23, 25, 26, 27, 30, 33, 34, 35, 37,41

7/1 12.3: 3, 5, 8, 9, 11, 12, 13

12.4: 1, 3, 8, 11, 12, 13 15, 17, 23, 28, 35, 38, 41, 44.

7/2 Recitation

12.5 part 1: 1, 3, 4, 5, 7, 9, 10, 20, 21, 23, 25, 26, 27, 29, 31.

7/4 Independence Day no classes

- **Week 02**

7/7 12.5 part 2: 35, 37, 39, 42, 45, 47, 48, 51, 53, 55, 57, 58

12.6: 2, 4, 5, 7, 9, 10, 11, 14, 15, 16, 17, 19, 20, 21, 22, 25, 26, 28, 29, 31, 33, 36, 38, 40, 42, 43.

7/8 Recitation

13.1: 1,3,5,7,9,11, 14, 17

7/9 13.3: 1, 3, 5, 8, 11, 13, 15

Exam 1 Review Pages 702-703: 1, 7, 9, 13, 15, 19, 25, 31, 33, 37, 43, 45, 49, 53, 57, 59, 69, 73, 75.

7/11 Exam 1: Cover Chapters 12 and 13

- **Week 03**

7/14 14.1 18, 23, 25, 28, 31-37 all, 40, 41, 43, 49, 50, 53, 55, 57, 59, 61, 62.

14.2: 7, 8, 10, 11, 12, 15, 17, 18, 41, 43, 46

7/15 14.3: 7, 8, 11, 12, 13, 15, 16, 17, 19, 27, 29, 32, 43, 45, 46, 51, 53, 73, 75, 80

Recitation

7/16 14.4: 1, 3, 6, 7, 9, 10, 11, 12, 15, 17, 18, 21, 24, 25, 27, 28, 29, 31, 32, 33, 35, 37, 38, 43, 45

7/18 14.5: 1, 2, 5, 7, 11, 14, 17, 19, 22, 23, 25, 26

14.7 part 1: 1, 2, 3, 13, 15, 20

- **Week 04**

7/21 **14.7 part 2:** 1, 2, 3, 13, 15, 20

Exam 2 Review: Pages 743-744: 1, 3, 4, 15, 16

Pages 829-832: 7, 12, 15, 17, 20, 27, 29, 31, 34, 35, 39, 42, 47, 49, 51, 53, 55, 57, 69, 77

7/22 **Exam 2:** Cover Chapter 14

7/23 **15.1:** 1-19 odd

15.2: 24, 25, 26, 28, 29-35 odd, 40, 41, 42, 47, 49, 50, 53, 57, 59, 62, 63

7/25 **15.3** 1, 3, 5, 7, 13, 15, 16

15.4 9, 27, 29, 32, 39

- **Week 05**

7/28 **Recitation**

15.5: 1, 3, 5, 6, 9, 13, 15, 16, 21, 23, 24, 39, 41, 43.

7/29 **15.7** 5, 7, 10, 13, 15, 16, 17, 21, 23, 26, 29, 49, 51, 52, 56

7/30 **16.2** 1, 3, 9, 11, 19, 20, 25, 27, 29, 35ab, 47, 49, 52

Exam 3 Review Pages 896-898: 3, 7, 11, 13, 15, 19, 21, 23, 28, 33, 37, 51a.

8/1 **Exam 3:** Cover Chapter 15

- **Week 06**

8/4 **16.3:** 1, 3, 5, 6, 9, 13, 15, 17, 18, 29, 31.

16.4: 3, 5, 7, 8, 13, 15, 17, 19, 21, 23, 24, 25, 27, 30, 33

8/5 **16.5:** 1, 4, 5, 14, 17, 19, 23, 26, 37, 40, 45, 50

16.6: 4, 6, 10, 13, 14, 29, 31, 34, 35, 36, 39, 41, 42

8/6 **16.7:** 1-7 odd, 8, 11, 12, 19, 21, 22

Exam 4 Review Pages TBD

8/8 **Exam 4:** Cover sections 16.2-16.7

- **Week 07**

8/11 **16.8:** 5-11 odd, 14, 16, 17, 21, 22, 23, 25, 26

8/12 **Review for Final Exam**

8/13 **Final Exam - Cumulative, covering all sections**