

Spring 2008
Math 2263: Multivariable Calculus

Office Hours:

Gulliver, M 2:30–3:20, WF 11:15–12:05 in VinH 452. gulliver@math.umn.edu

John Lee, T 11:15–12:05 and Th 11:15–1:00 in VinH 426. leex2454@math.umn.edu

Xu Li, Th 11:10–12:00 in VinH 454. lixxx489@math.umn.edu

Homework List (Third & Final Installment)

Suggested Homework: due each Tuesday, January 29 – May 6, for class discussion. Need not be turned in.

January 29: 12.5 (p. 829) #3, 7, 11, 17, 20,21, 25, 33, 42, 65, 67, 71;

12.6 (p. 837) #3, 5, 13, 33, 41, 43, 47;

12.7 (p. 842) #3, 4, 11, 15, 19, 21, 37, 45, 49, 59.

February 5: 14.1 (p. 897) #11, 16, 27, 29, 30, 37, 59;

14.2 (p. 908) #5, 9, 12, 15, 27, 36;

14.3 (p. 919) #13, 22, 24, 29, 37, 43, 59, 67;

14.4 (p. 930) #3, 15, 17, 23, 27, 31.

February 12: 14.5 (p. 938) # 1,4,9,12,21,25,28,31,39,53;

14.6 (p. 950) # 4,7,10,13,21,28,39,41,49,53,54.

February 19: 14.7 (p. 961) # 1,6,11,16,27,30,37,40,43;;

14.8 (p. 970) # 3,6.

February 26: 14.8 (p. 970) # 10,13,18;

15.1 (p. 988) # 2,5,11,12.

March 4: 15.2 (p. 994) # 3,7,8,12,15,18,27,34;

15.3 (p. 1002) # 3,7,12,14,15,19, 20,27,32,37,43,46,55.

March 11: 15.4 (p. 1008) #1,3,5,8,11,13,17,19,21,25,29,32;

15.5 (p. 1018) #3,6,14,15,23,28.

March 25: 15.6 (p. 1022) #1,5,6,8,11,14,23;

15.7 (p. 1030) #2,3,7,9,13,25,33,48.

April 1: 15.8 (p. 1037) #1,7,10,15,18,21,29,34;

15.9 (p. 1048) #1,3,8,14,15,20,23.

April 8: 16.1 (p. 1060) #1,6,11,12,13,14,21,29,30,31,32;

16.2 (p. 1071) #1,5,6,13,15,19,31,34,39.

April 15: 16.3 (p. 1081) #3,7,9,12,14,20,27,32;
16.4 (p. 1089) #1,7,9,12,15,18,19.

April 22: 16.5 (p. 1096) #3,7,12,14,17,18,20,31,34 (assume answer to #33);
16.6 (p. 1106) #4,11–16,21.
16.7 (p. 1119) #3,5,8,12.

April 29: 16.7 (p. 1119) #15,22,35,40;
16.8 (p. 1125) #1,3,6,9,13,17,20.

May 6: 16.9 (p. 1132) #1,5,6,10,13,15,19,21,22.

Quizzes: 10 points each, best 10 of 11 quizzes. Thursdays January 31, February 7, February 14, February 28, March 7, March 14, March 28, April 10, April 17, May 1 and May 8. **Midterm**

Exams: 100 points each.

I. Thursday, February 21. Sections 12.5–7, 14.1–6.

II. Thursday, April 3. Sections 14.7–8, 15.1–5.

III. Thursday, April 24. Sections 15.6–9, 16.1–4.

Final Exam: 300 points.

Monday, May 12, 1:30–4:30 PM, room TBA. Sections 12.5–7, 14.1–8, 15.1–9, 16.1–9.

Course Total: 700 points.