

PMAT 435 (Spring 2008) - Tentative Schedule of Lectures, Tutorials, and Activities for Credits.

All sections referred to are from our textbook:

Steven R. Lay. Analysis: with an introduction to proof, fourth edition. Prentice Hall, 2006.

Schedule

Tuesday	Wednesday	Thursday
May	14 No Tutorial	15 Sec 2, 5, 7.
20 Sec 8, 10, 11. Quiz 1	21 (Tutorial 1)	22 Sec 12, 13. Quiz 2
27 Sec 13, 14. Quiz 3	28 (Tutorial 2) Assignment 1 due	29 Sec 14, 16. Quiz 4
June 3 Sec 17, 18.	4 (Tutorial 3) Midterm Test	5 Midterm Break. No lectures.
10 Sec 18, 19. Quiz 5	11 (Tutorial 4) Assignment 2 due	12 Sec 20, 21, 22. Quiz 6
17 Sec 22, 23. Quiz 7	18 (Tutorial 5) Assignment 3 due	19 Sec 25, 26. Quiz 8
24 Sec 27, 28, 29. Quiz 9	25 (Tutorial 6) Assignment 4 due	26 Sec 30, 31. Quiz 10

Quizzes: For each quiz, I will ask you to do one of three given problems by a roll of dice. In the following table, the three questions are separated by semicolons (;), and the parts of the same question are separated by commas (,).

Q1	p.15 #2.6; p.49 #5.21; p.74 #7.9 (d)-(f)	Q2	p.88 #8.8 (a)-(c); p.104 #10.8; p.115 #11.6(a)
Q3	p.127 #12.5; p.128 #12.13; p.135 #13.3	Q4	p.135 #13.5; p.136 #13.14; p.136 #13.19
Q5	p.144 #14.3 (a), (c); p.164 #16.6 (b), (c); p.173 #17.6 (a), (c)	Q6	p.180 #18.7; p.188 #19.4; p.189 #19.6
Q7	p.198 #20.6 (b), (c); p.208 #21.9; p.208 #21.13	Q8	p.214 #22.1; p.215 #22.9; p.222 #23.4 (c)
Q9	p.240 #25.12; p.250 #26.13; p.250 #26.18	Q10	p.266 #28.11(a); p.276 #29.11; #29.14

Tutorials: Each week, your TA will discuss Exercise questions from the textbook, including two of the three questions (by a roll of dice) assigned to a quiz to be held. Here are the questions for discussion:

T1	8.1; 8.5; 10.15; 10.22; 10.25; 10.28; 11.4; 11.7; two of the three questions for Quiz 2.	T2	13.1; 13.9; 13.15; 13.23; 14.1; 14.2; 14.8; two of the three questions for Quiz 4
T3	17.1; 17.16; 17.7; two of the three questions for Quiz 5	T4	18.1; 18.2; 18.14; 18.15; 19.9; 19.16 (a); two of the three questions for Quiz 6
T5	22.6; 22.11; 22.14; 23.1; 23.3; 23.5; 23.10; 23.12; two of the three questions for Quiz 8	T6	28.9; 28.13; 29.8; 29.1; 29.2; 29.12; 29.13; two of the three questions for Quiz 10

Assignments: Each assignment contains some Exercise questions from the textbook.

A1	p.127 12.7 (a); p.128 #12.12 (a) and (b); p.136 #13.11; p.137 #13.21 (c); and the six questions assigned but not tested in quizzes 1, 2 and 3.
A2	p.144 #14.5; p.145 #14.12; p.165 #16.12; p.165 #16.15 (a); p.180 #18.9; p.189 #19.17; and the four questions assigned but not tested in quizzes 4 and 5.
A3	p.199 #20.16; p.199 #20.17; p.208 #21.10; p.208 #21.18; p.214 #22.7; p.222 #23.4 (a) and (b); and the four questions assigned but not tested in quizzes 6 and 7.
A4	p.240 #25.8; p.241 #25.17 (b) and (d); p.250 #26.10; p.250 #26.14 (a) and (b); p.250 #26.17; p.275 #29.7; and the four questions assigned but not tested in quizzes 8 and 9.

Midterm Test: There is a 50-minute Midterm Test to be held during the first half of the Tutorial class on June 4. It covers up to and including section 16.

Question 1 (6 out of 20 marks) You will be given three statements, and you will be asked to determine whether or not they are true. You are required to give concise justifications of your answers. The statements will be taken from these questions: p.126-127 #12.1; 12.2; p.134-135 #13.1; 13.2; p.143 #13.1; 13.2; p.163-164 #16.1; #16.2.

Question 2 (5 out of 20 marks) You will be asked to solve one of the questions covered in Assignment 1, Quizzes 1 to 4, and Tutorials 1 and 2.

Question 3 (5 out of 20 marks) You will be asked to give the proof for one of these theorems: p.84 Theorem 8.12; p.132 Theorem 13.10; p.162-163 Theorem 16.14.

Question 4 (4 out of 20 marks) You will find out all about it at the time of the Midterm Test.

Final Exam: There is a Final Exam to be scheduled by the Registrar's Office. **You need to pass the Final Exam to pass the course.**