Spring 2011 MATH 140 http://tinyurl.com/wolpertcourses — S. Wolpert

Math 140 comprises Chapters 2-5, and Section 10.3 of Calculus, 6th Edition, by Ellis and Gulick (Thomson Custom Publishing, 2003). Chap. 2 concerns limits and continuity; Chaps. 3 and 4 focus on the derivative and applications of the derivative; Chap. 5 introduces the integral; Section 10.3 discusses conic sections. The text is written to be read by you - if you have questions while reading, jot them down and ask them during class.

The course meets MWF 9 in Armory 0126 in large lecture and TTh in discussion classes.

On all exams and assignments it is essential for you to show your work, so we can check your understanding.

HOMEWORK: Homework is submitted (and graded) electronically via WebAssign (normally) each Tuesday and each Thursday, by 8:00 AM. Other problems from the book are assigned (see back) but generally will not be turned in and graded. Instructions for WebAssign can be found by going to www.math.umd.edu/undergraduate/webassign. Do the initial practice problems to get used to WebAssign – success with software takes patience.

TESTS and QUIZZES: There will be 4 hour tests; see the schedule below. The final examination will cover the whole the course. There will be a diagnostic quiz, and unannounced (pop) quizzes, any day of the week. They will generally be based on homework and on important ideas in the textbook. There will also be TTh quizzes.

GRAPHICS CALCULATORS: Graphics calculators are an integral part of the course. The Texas Instruments calculators (TI-83, TI-84, TI-85, TI-86, and TI-89) are the preferred types.
Calculators are not allowed on the hour examinations or on the final examination.

HONOR CODE: The UM Code of Academic Integrity is administered by the Student Honor Council. The Code sets standards for academic integrity. You will be asked to write and sign the following honor pledge on each quiz and exam unless exempted by your instructor: "I pledge on my honor that I have not given or received any unauthorized assistance on this quiz/examination." Note that copying solutions from other sources is plagiarism.

GRADING: (generally 90%-100% represents A, 80%-90% represents B, etc., with cutoffs possibly slightly lower)

Top 3 hour examinations	300	
Lowest hour examination	50	
Homework and quizzes	150	(lowest 3 homework, lowest 3 quizzes dropped)
Final examination	200	
TOTAL	700	

THERE ARE NO EXCUSED ABSENCES FOR TESTS, QUIZZES OR HOMEWORKS.

Math 140 SCHEDULE FOR MWF CLASS PERIODS (Spring 2011)

M	1-24	2.1	W	1-26	2.2	F	1-28	2.3, diagnostic
M	1-31	2.4	W	2-2	2.5	F	2-4	3.1
M	2-7	3.2	W	2-9	Review	F	2-11	EXAM 1
M	2-14	3.3	W	2-16	3.4	F	2-18	3.5
M	2-21	3.6	W	2-23	3.7	F	2-25	3.7
M	2-28	3.8	W	3-2	Review	F	3-4	EXAM 2
M	3-7	4.1	W	3-9	4.2	F	3-11	4.3
M	3-14	4.4	W	3-16	4.5	F	3-18	4.6
M – F		March 21 – 25 Spring Break *woo hoo*						
M	3-28	4.6	W	3-30	4.7	F	4-1	4.8
M	4-4	4.9	W	4-6	Review	F	4-8	EXAM 3
M	4-11	5.1	W	4-13	5.2	F	4-15	5.3
M	4-18	5.4	W	4-20	5.5	F	4-22	5.6
M	4-25	5.6, 5.7	W	4-27	5.7	F	4-29	5.8
M	5-2	10.3	W	5-4	Review	F	5-6	EXAM 4
M	5-9	10.3, Course Review	Tuesday 5-10 Recitation					

End of Schedule Adjustment: February 4, 2011. Last day to drop with a W: April 8, 2011
FINAL EXAMINATION: THURSDAY, May 12, 2011, 1:30pm – 3:30pm

S. Wolpert's office: 2312 Mathematics Building; email address: saw@math.umd.edu ;
office phone number: 301 405 5458; office hours (generally): MWF 10-12 and by appointment
This syllabus and other materials will be posted at http://tinyurl.com/wolpertcourses

SPRING 2011: MATH 140: SCHEDULE: CLASSES, HOMEWORK ITEMS

WebAssign (WA) Always enter by http://www.webassign.net/umd/login.html and click LOG IN.
WA due dates are posted on WA. Assignments are generally due at 8 am on the discussion day following the lecture. There is no WebAssignment due on Tuesday, August 31, because of the beginning of the semester. But, there is a double assignment due on Thursday, September 2.

Day	Date	Section	Practice Homework from Textbook
M	1-24	2.1	2.1: 10, 16, 18, 28 || 37, 41, 48
W	1-26	2.2	2.2: 8, 12, 19, 24 || 35, 36
F	1-28	2.3, diagnostic	2.3: 14, 18, 23, 28, 37, 39, 48 || 58, 65a, b
M	1-31	2.4	2.4: 4, 14, 20, 26, 30, 33, 36, 42, 50 || 60, 62, 69
W	2-2	2.5	2.5: 3, 11, 14, 21, 28, 34, 46, 52 || 66
F	2-4	3.1	3.1: 7, 19, 23, 28, 33, 41, 55 || 63, 68, 78
M	2-7	3.2	3.2: 9, 17, 20, 30, 33b || 37, 41a, 46
W	2-9	Review	
F	2-11	EXAM 1 on Chapter 2 and 3.1 and 3.2	
M	2-14	3	
W	2-16	3.3	3.3: 9, 17, 22, 27, 32, 40, 48, 53 || 58, 61, 68
F	2-18	3.4	3.4: 5, 13, 27, 34, 42, 49, 55, 66 || 70, 76
M	2-21	3.4/3.5	3.5: 13, 23, 41, 50, 55, 65 || 69, 76
W	2-23	3.6	3.6: 4, 11, 20, 28, 31, 36, 39 || 50a
F	2-25	3.7	3.7: 4, 9, 13, 21, 25, 29
M	2-28	3.7/3.8	3.7: 7, 31, 35; 3.8: 25, 39, 49, 59, 64
W	3-2	3.8, Review	3.8: 5, 11, 36, 42, 45 || 50, 52
F	3-4	EXAM 2 on Chapter 3	
M	3-7	4.1	4.1: 5, 15, 23, 30, 38, 39, 47 || 52
W	3-9	4.2	4.2: 5, 12, 14, 17, 19 || 21, 27
F	3-11	4.3	4.3: 7, 12, 18, 25, 27, 30, 40, 46 || 53, 55, 62, 74
M	3-14	4.4	4.4: 4, 6, 10, 16, 20 || 25
W	3-16	4.5	4.5: 3, 8, 17, 22, 27, 32, 39, 46, 51 || 56
F	3-18	4.6	4.6: 3, 7, 10, 14, 19, 25, 26 || 33, 35
Spring Break 3-21 to 3-25			
M	3-28	4.6	4.6: 13, 17, 30; 4.R: 21, 27, 45
W	3-30	4.7	4.7: 8, 15, 18, 25, 36 || 40a, 43, 48
F	4-1	4.8	4.8: 6, 14, 19, 29, 33, 47 || 48, 54
M	4-4	4.9	4.9: 7, 10, 22, 31, 37 || 54
W	4-6	Review	
F	4-8	EXAM 3 on Chapter 4	
M	4-11	5.1	5.1: 6, 9, 15, 18, 25 || 31, 34
W	4-13	5.2	5.2: 2, 8, 10, 12, 23, 26, 36 || 42
F	4-15	5.3	5.3: 2, 10, 15, 19, 24 || 25
M	4-18	5.4	5.4: 5, 10, 16, 28, 37, 46 || 57, 63, 66, 72
W	4-20	5.5	5.5: 6, 14, 20, 31, 32, 34, 46 || 53
F	4-22	5.6	5.6: 3, 9, 16, 23, 30, 38, 44, 49, 56 || 66
M	4-25	5.6/5.7	5.6: 3, 9, 16, 23, 30, 38, 44, 49, 56 || 66
W	4-27	5.7	5.7: 3, 9, 17, 25, 32, 33, 38 || 51, 54
F	4-29	5.8	5.8: 4, 6, 9, 16, 20, 27, 33, 39 || 40
M	5-2	10.3	10.3: 4, 9, 19, 22, 35, 40, 50, 56
W	5-4	Review	
F	5-6	EXAM 4 on Chapter 5	
M	5-9	10.3, Course Review	10.3: 11, 14, 23, 25, 29, 31, 46, 53, 61
T	5-10	Recitation	
Th	5-12	FINAL EXAMINATION: 1:30 – 3:30 pm, in classrooms to be determined	