Fall 2012 MATH 141 Scott Wolpert **http://tinyurl.com/wolpertcourses** 8.29.12

Math 141 is part two of the calculus sequence. The text is the same: Calculus and Analytic Geometry, Sixth Edition, by Robert Ellis and Denny Gulick. The text covers, among other topics, applications of integration, inverse functions, techniques of integration, sequences, series, and polar coordinates.

The course meets MWF 10 in Armory 0126 in large lecture and TTh morning discussion. Each discussion class meets each T and Th for 50 minutes.

Regular class emails will be sent to your address listed in Testudo. If you are not receiving emails, check your address in Testudo – if issues continue contact me.

We will use the online homework WebAssign. We will not be using ELMS or CANVAS.
Instructions for WebAssign can be found at www.math.umd.edu/undergraduate/webassign. Do the initial practice problems to get used to WebAssign. Most class members are added to our WebAssign roster automatically; if you need to be added, email me with your complete name and student ID number.

On all exams & assignments it is essential for you to show your work, so that we can check your reasoning and understanding of the material.

HOMEWORK: As in Math 140, homework is submitted and graded electronically via the webapp WebAssign usually each Tuesday and each Thursday, by 8:00 AM. Assignments are preparatory for recitation – assignments are generally due before recitation on a topic. Other problems from the book are assigned (see next page) but generally will not be turned in and graded. Problems from WebAssign and Homework will be on each exam.

TESTS and QUIZZES: There will be 4 hour tests; see the schedule below. The final examination will cover the entire course. There will be unannounced (pop) quizzes, any day of the week MTWThF. Quizzes will generally be based on homework and on important ideas in the textbook.

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 and cell phones 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 an A, 80%-90% represents a B, etc., with course cutoffs only slightly lower. Any course grade *curve* will be small. Individual exams will not be curved.

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

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

Math 141 SCHEDULE FOR MWF CLASS PERIODS (Fall 2012)

M	8.27	*calculus rap*	W	8.29	Review, 6.1	F	8-31	6.1
M	9-3	Labor Day	W	9-5	6.2, 6.4	F	9-7	6.4
M	9-10	6.5	W	9-12	6.7	F	9-14	6.8
M	9-17	Review	W	9-19	EXAM 1	F	9-21	7.1
M	9-24	7.2	W	9-26	7.3	F	9-28	7.5
M	10-1	7.6	W	10-3	7.7	F	10-5	7.8
M	10-8	8.1	W	10-10	Review	F	10-12	EXAM 2
M	10-15	8.2	W	10-17	8.3	F	10-19	8.4
M	10-22	8.6	W	10-24	8.7	F	10-26	9.1
M	10-29	9.2	W	10-31	Review	F	11-2	EXAM 3
M	11-5	9.3	W	11-7	9.4	F	11-9	9.5
M	11-12	9.6	W	11-14	9.7	F	11-16	9.8
M	11-19	9.8	W	11-21	9.9	F	11-23	*Turkey afterday*
M	11-26	Complex #s	W	11-28	Review	F	11-30	EXAM 4
M	12-3	Complex #s, 10.1	W	12-5	10.1	F	12-7	10.2
M	12-10	Course Review						

End of Schedule Adjustment: September 12, 2012. Last day to drop with a W: November 7, 2012
FINAL EXAMINATION: THURSDAY, December 13, 2012, time 1:30pm – 3:30pm

Scott Wolpert's office: 2312 Mathematics Building; email address: saw@math.umd.edu
office phone number: 301 405 5458; office hours (generally): MWF 2-3, also after class and by prior arrangement. This syllabus and other materials will be posted at http://tinyurl.com/wolpertcourses

WebAssign (WA) Always enter by http://www.webassign.net/umd/login.html and click LOG IN.
WA due dates are posted. Assignments are generally due at 8 am on the discussion day following the lecture. The first WebAssignment is due on Thursday, August 30.

Practice problems from the book

DobyDate	**Section**	**Practice Problems from Textbook**
8-30	W Review, 6.1	p. 363: 4, 8, 13, 17, 18, 20, 44; p. 377: 3, 9, 13
(These problems are due in your discussion section, Aug. 30)		
8-31	F 6.1	p. 377: 15, 17, 31, 35, 53, 59
9-5	W 6.2, 6.4	p. 383: 3, 5, 12, 19; p. 395: 3, 7, 9
9-7	F 6.4	p. 395: 17, 19, 21, 23
9-10	M 6.5	p. 405: 3, 7, 11, 17, 23, 25
9-12	W 6.7	p. 415: 3, 7, 9, 11, 19
9-14	F 6.8	p. 423: 1, 3, 9, 10ab
9-17	M Review	
9-19	W Exam 1	
9-21	F 7.1	p. 439: 9, 11, 19, 23, 44, 55, 57, 60
9-24	M 7.2	p. 446: 7, 15, 25, 33, 35, 37
9-26	W 7.3	p. 454: 5, 7, 11, 15, 21, 29, 34
9-28	F 7.5	p. 470: 1,5,9,11,15, 21, 23, 29, 37, 39, 45, 53
10-1	M 7.6	p. 481: 5, 6, 7, 9, 17, 25, 27, 29, 36, 37, 53, 57
10-3	W 7.7	p. 487: 3, 7, 11, 13, 15, 22
10-5	F 7.8	p. 495: 3,5,9,11,15
10-8	M 8.1	p. 509: 5, 11, 13, 24, 31, 35, 41, 47, 55, 61
10-10	W Review	
10-12	F Exam 2	

10-15	M 8.2	p. 520: 3, 7, 11, 15, 19, 23, 31, 35, 41, 45, 53
10-17	W 8.3	p. 528: 1, 5, 9, 14, 21, 25, 29, 30, 43, 51, 57
10-19	F 8.4	p. 538: 1, 3, 5, 7, 15, 17, 31, 39, 49, 53
10-22	M 8.6	p. 548: 1, 7, 11, 13, 15, 19, 22, 27
10-24	W 8.7	p. 559: 3, 7, 11, 27, 33, 39, 49, 69, 71, 81a
10-26	F 9.1	p. 574: 1, 4, 9, 11, 19, 27
10-29	M 9.2	p. 584: 3, 7, 17, 19, 25, 31, 35, 53
10-31	W Review	
11-2	F Exam 3	
11-5	M 9.3	p. 590: 1, 9, 15, 16, 17, 25, 30, 36
11-7	W 9.4	p. 602: 5, 7, 11, 13, 25, 29, 33, 35, 48, 51, 61
11-9	F 9.5	p. 612: 1, 3, 7, 15, 23, 27, 35
11-12	M 9.6	p. 617: 1, 9, 13, 17
11-14	W 9.7	p. 624: 1, 7, 9, 19, 21, 23, 27
11-16	F 9.8	p. 636: 1, 13, 19, 23, 27
11-19	M 9.8	p. 636: 31, 41, 43
11-21	W 9.9	p. 649: 3, 8, 9, 13, 19, 23; p. 656: 7, 9, 13, 17, 23
11-22, 11-23		Thanksgiving
11-26	M	Complex #s See the Math 141 website/email page for notes and exercises
11-28	W Review	
11-30	F Exam 4	
12-3	M Complex, 10.1 Complex #'s exercises; p. 670: 1eg, 2cg, 3, 9, 13, 20	
12-5	W 10.1	p. 670: 22, 25, 27, 28, 33, 37, 41, 47, Project 1. a.
12-7	F 10.2	p. 678: 1, 5, 14, 25, 27, 31, 33
12-10	M Course Review	

12-13 Thursday Final Exam (1:30pm – 3:30pm, rooms to be announced)