SYLLABUS FOR MATH 141, FALL 2010

Monday, Wednesday, Friday 11:00 a.m. - 11:50 a.m.
Classroom: ARM 0131

Prerequisites: A grade of C or better in MATH 140 or equivalent

Text: Calculus (Sixth Edition) by R. Ellis and D. Gulick, Published by CENGAGE Learning. ISBN: 978-1-1-3343675-1 (New Custom Edition Fall 2011)

Instructor: Wojciech Czaja
Teaching Assistants:
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My Web Page: www.math.umd.edu/∼wojtek

Class Web Page: www.math.umd.edu/∼wojtek/141_11.htm

Description: Continuation of MATH 140, including most topics from Chapters 6-10 in the same text as the MATH 140 text. Note: Credit will only be given for one of Math 141 and Math 221.

Exams: There will be 4 midterm exams during the semester, each for the total of 100 points. They are scheduled on September 21, October 14, November 4, and December 2. The lowest score (including absences) is dropped.
  The final exam is scheduled for December 15, 1:30-3:30 PM (rooms vary by TA). It is worth 200 points.

Calculators: You will need a programmable graphics calculator for some homework and section quizzes. You will need to put two programs on the calculator. You are responsible for knowing how to operate your calculator, but for some Texas Instruments graphics calculators (TI-82,83, ...) the two programs are on the course page.

Calculators and any other electronic devices (including cell phones) are NOT allowed on quizzes, midterm tests, nor on the final.

Quizzes: Quizzes are scheduled at the beginning of the discussion sections on the following days: 9/6, 9/8, 9/13, 9/15, 9/27, 10/4, 10/6, 10/11, 10/18, 10/20, 10/25, 10/27, 11/8, 11/10, 11/15, 11/17, 11/22, 11/29, 12/6. Each quiz is for the total of 10 points. The lowest 4 scores (including absences) are dropped.

Homework: There will be 27 Webassign (online) homeworks during the semester. Homeworks are scored online, but you will NOT receive any credit towards your class grade. Still, doing these homeworks is a great way to prepare for classes.

Enter Webassign by http://www.webassign.net/umd/login.html and click LOG IN. Assignments close at 8 am on Tuesdays and Thursdays.

Grading: The maximum point total is 650 points. The total used to calculate the final grade is the minimum of the two numbers: 650 points and the highest score in the class. The setting of letter grades will be based on the number of points and will be not worse than: 50% - D, 60% - C, 75% - B, 90% - A.

Academic integrity: The University makes me remind you about its academic integrity policies (http://www.shc.umd.edu/code.html). So I do. Nobody, however, has to remind me that part of my job is to make sure that these policies are obeyed.

Attendance and absences: You are responsible for the material covered in class, whether you attend or not. You are also responsible for the announcements made during class; they may include changes in the syllabus.

The instructor will adhere strictly to the official university policy on makeup exams. In particular, it is the policy of the University to excuse the absences of students that result from the following causes: illness of the student, or illness of a dependent; religious observance (where the nature of the observance prevents the student from being present during the class period); participation in university activities at the request of University authorities; and compelling circumstance beyond the student's control. Students claiming excused absence must apply in writing and furnish documentary support for their assertion that absence resulted from one of these causes. Moreover, foreseeable absences (such as those resulting from religious holidays or participation in university-sponsored events) must be submitted in writing to the instructor by Sept. 14. (See also http://www.testudo.umd.edu/soc/atedasse.html)

Specifically, for medically necessary absences, if you are absent on days when tests or quizzes are scheduled, you are required to notify your TA in advance, and upon returning to class, bring documentation of the illness, signed by a health care professional.

Disabilities: If you have a disability disallowing you to test under the usual time or in-class conditions, you may contact the office of Disabled Students Services (DSS) in Shoemaker. (**Please let me know by Sept. 15 if you think you may require these services.**) If they assess you as meriting private conditions and/or extra time, then you may arrange to take your tests at DSS, with extra time as they indicate. You must arrange this well in advance of a test (in particular: no retakes). **Remember: I need to sign the document.**

Emergency closures: In case of an emergency that closes the University for an extended period of time (for example, due to inclement weather), be sure to access your email for instructions from me. Also check the University's home page or call 301-405-SNOW for snow closure information. Should any classes or exams be cancelled, please check the class schedule page for updated schedule information.

Course evaluations: Your participation in the evaluation of courses through CourseEvalUM is important to us, and helps improve teaching and learning at the University. CourseEvalUM will be open for you to complete your evaluations for the Fall semester courses between Tuesday, November 30, and Sunday, December 12. Please provide feedback on the course, the professor, and the TA by Sunday, December 12, 2010. Evaluations are anonymous and will not be available to faculty and TAs until next semester, so they cannot possibly affect your grade.

You can go directly to the website (www.courseevalum.umd.edu) to complete your evaluations starting November 29. By completing all of your evaluations each semester, you will have the privilege of accessing the summary reports for thousands of courses online at Testudo.

OUTLINE OF MATERIAL

08/31	Introduction, 6.1
09/02	6.1
09/05	Labor Day
09/07	6.2, 6.4
09/09	6.4
09/12	6.5
09/14	6.7
09/16	6.8
09/19	Review for Exam 1
09/21	Exam 1

09/23	7.1
09/26	7.2
09/28	7.3
09/30	7.5
10/03	7.6
10/05	7.7
10/07	7.8
10/10	8.1
10/12	Review for Exam 2
10/14	Exam 2
10/17	8.2
10/19	8.3
10/21	8.4
10/24	8.6
10/26	8.7
10/28	9.1
10/31	9.2
11/02	Review for Exam 3
11/04	Exam 3
11/07	9.3
11/09	9.4
11/11	9.5
11/14	9.6
11/16	9.7
11/18	9.8
11/21	9.9
11/23	Discussion
11/25	Thanksgiving break
11/28	Complex numbers
11/30	Review for Exam 4
12/02	Exam 4
12/05	Complex plane
12/07	10.1
12/09	10.2
12/12	Review for the final exam