MATH 263. UNIFIED CALCULUS AND ANALYTIC GEOMETRY, III.

Syllabus for Section 1, Spring 2014

Instructor:	Dr. Ulises Fidalgo	Office:	Hume Hall 327
Office hours:	MWF 11:00 AM - 1:00 PM, or by appointment.	Email:	ufidalgo@olemiss.edu
Time/Place:	MWF, 10:00-10:50 AM, Hume Hall 203	Telephone:	(662) 915-7422

Text

Calculus, Early Transcendentals w/ binder + MyMathLab by William Briggs & Lyle Cochran; ISBN: 9781256652533

Course description/learning objectives

Math 263 covers sequences and infinite series (incuding Taylor series), parametric equations and polar coordinates, vectors and vector-valued functions. The students who successfully complete this course, should be able to understand the concepts, develop problem solving skills, apply concepts and theories learned in class to solve some application problems, prepare for higher level course, and to enhance critical thinking and analytical reasoning abilities. We will cover Chapters 8-11.

Mathematica worksheet, quizzes and final exams

A Mathematica worksheet will be given during the semester with worth of 30 points. There will be a total of 7 (seven) quizzes (each worth 10 points) and 3 (three) tests (each worth 100 points) on the date specified in the tentative schedule below. The quiz an test questions will be similar in format to the example in class and the homework problems. The lowest test grades will be remplaced by the final exam percentage, if the latest is higher. This means that if one misses a test, it still has the chance to make it up with final. Absolutely no make up tests will be given for any reason excepts for the official University function to be communicated to the instructor with enough time in advance.

Final exam in on Friday, May 9, at 8:00 AM. It is worth 200 points.

Grading

The cumulative point total for the course is 600 points: tests 300, Mathematica worksheet 30, Quizzes 70, final exam 200. The following point scale will be used to determine your final grade. Your grade will be determined according to the following scale:

Grade	Percentage Necessary	Grade	Percentage Necessary
А	93%	A-	90%
B+	87%	В	83%
B-	80%	C+	77%
С	70%	D	60%
F	below 60%		

Calculators

Your brain is a sufficient calculator in Math 263. Electronic calculators, cell phones, and ipods are generally prohibited on tests. In case a calculator is needed to solve a question in a test, the instructor will let the class know with time in advance.

Cheating

Academic integrity is essential to all the values upon which the university is founded. Honors students must therefore embody academic honesty in all aspects of their work. A student with a documented case of plagiarism or academic cheating in an honors course will face the possibility of receiving the grade of F for the course and being dismissed from the Honors College. Specific consequences of such behavior will be determined by the administration and individual faculty member.

The following statement is the policy of the Department of Mathematics in Math 262 regarding cheating. Offenses: cheating on any exam or quiz, theft or attempted theft of exam questions, possession of exam questions prior to the time for examination, or the use of an illegal calculator on tests or quizzes shall all be offenses subject to appropriate penalties. Penalties: the penalty for commission of any offense set out above is failure in the course and, subject to the approval of the Chancellor, dismissal or suspension from the University.

Academic needs

It is the responsibility of any student with a disability who requests a reasonable accommodation to contact the Office of Student Disability Services (915-7128). Contact will then be made by that office through the student to the instructor of this class. The instructor will then work with the student so that a reasonable accommodation of any disability can be made.

Withdrawal deadline

Withdrawal deadeline for the 2014 Spring Semester is Tuesday, February 4. After the Course withdrawal deadline, courses dropped will be recorded on University records and the W grade will be recorded if the student is not failing the course at the time of withdrawal; otherwise the grade recorded will be F. After the course withdrawal deadline, a student may drop a course only in cases of extreme and unavoidable emergency as determined by the academic dean; dropping a course after the deadline will not be permitted because of dissatisfaction over an expected grade or because the student is changing his/her major.

Tentative Schedule					
Monday	Wednesday	Friday			
	Jan 22 Sec 8.1	Jan 24 Sec 8.2			
Feb 03 Sec 8.2	Feb 05 Sec 8.3 <i>Quiz</i> 1	Feb 07 Sec 8.3			
Feb 10 Sec 8.4	Feb 12 Sec 8.4	Feb 14 Sec 8.5 <i>Quiz</i> 2			
Feb 17 Sec 8.5	Feb 19 Sec 8.6 <i>Quiz</i> 3	Feb 21 Sec 8.6			
Feb 24 Review	Feb 26 Test 1	Feb 28 Sec 9.1			
Mar 03 Sec 9.1	Mar 05 Sec 9.2 <i>Quiz</i> 4	Mar 07 Sec 9.2			
Spring Break					
Mar 17 Sec 9.3.	Mar 19 Sec 9.3	Mar 21 Sec 9.4			
Mar 24 Sec 9.4	Mar 26 Test 2	Mar 28 Sec 10.1			
Mar 31 Sec 10.1	Apr 02 Sec 10.2 <i>Quiz 5</i>	Apr 04 Sec 10.2			
Apr 07 Sec 10.3	Apr 09 Sec 10.3	Apr 11 Test 3			
Apr 14 Sec 11.1 & 11.2	Apr 16 Sec Sec 11.1 & 11.2	Apr 18 11.3 & 11.4 Quiz 6			
Apr 21 11.3 & 11.4	Apr 23 Sec 11.6 <i>Quiz 7</i>	Apr 25 Sec 11.6			
Apr 28 Sec 11.8	Apr 30 Sec 11.8	May 02 Review			
May 9 Final Exam at 8:00 AM					