MATH 3113 – COURSE INFORMATION
SPRING 2004

Instructor: John Albert
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  Office Hours: Mon, Wed and Thurs 2:30 – 3:30, or by appointment

Course Content: The text for this course is "Differential Equations and Boundary Value Problems (3rd edition)" by C. Edwards and D. Penney. We will cover chapters 1 and 3 and selections from chapters 2, 4, 5, 7, and 8. We will learn how to solve first-order differential equations, how to solve linear differential equations of second and higher order, how to use Laplace transforms to solve differential equations, and how to solve systems of differential equations. We will also study a few selected examples showing how differential equations arise in scientific problems.

Grading: Homework will be assigned and collected weekly. They will usually be due at the beginning of class on Friday. There will also be two or three quizzes, three in-class exams and a final exam. Your grade for the course will be determined from the homework, quiz, and exam scores as follows. Your homework score will be converted to a percentage (100 points possible), your total quiz score will be converted to a percentage, and each exam will have 100 points possible. The lowest of the three scores from your in-class exams will be dropped. Then your grade will be determined from the number

$$S = (\text{homework})(0.1) + (\text{quiz})(0.05) + (\text{sum of two highest in-class exams})(0.25) + (\text{final exam})(0.35).$$

This means that your two highest in-class exams together count for 50% of your grade, while the final exam counts for 35% of your grade, the quizzes count for 5% of your grade, and the homework counts for the remaining 10%.

A score S above 88 points is an A; between 70 and 88 points is a B; between 55 and 70 points is a C; and between 40 and 55 points is a D. There may be slight adjustments downwards of the cutoffs for these grades, depending on class performance.

Homework assignments will be announced in class, and will be posted on the class web page, which is at **www.math.ou.edu/∼jalbert/3113s04.html** . The in-class exams are scheduled for Friday, Feb. 13; Friday, Mar. 26; and Friday, Apr. 23. These dates are subject to change, and any changes will be announced on the course web page as well as in class. The final exam is scheduled for Wednesday, May 5 at 1:30 p.m. in Physical Sciences 222.

Make-up Policy: Make-up exams will be given only in case of illness. If you are unable to attend a test, please call me BEFORE the test begins. If I am not in my office, leave a message for me at the Mathematics Department; the number is 325-6711.

Reasonable Accommodation: Here is the University's policy on accommodation of students with disabilities.

> *The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the professor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325–3852 or TDD only 405/325–4173.*

Academic Integrity: Consult the webpage **http://www.ou.edu/provost/integrity-rights** for a discussion of academic integrity and academic misconduct. For a discussion of faculty and student rights and responsibilities under the University's academic misconduct code, see **http://www.ou.edu/provost/integrity-rights**.