Introduction to Ordinary Differential Equations at Kent State University
Math32044: MWF, 1:10pm-2:00pm, MSB 104
Syllabus, Fall 2009

Instructor  Prof. Xiaoyu Zheng  Office  MSB 320
Phone  330-672-9089  E-mail  zheng@math.kent.edu
Office Hours  MTW 2:00-3:20pm or by appointment
Class Web  www.math.kent.edu/~zheng/ODE.html
Textbook  Elementary Differential Equations and Boundary value Problems, Boyce and DiPrima, 9e, 2009

Course Prerequisites & Objectives The prerequisites for this class is Cal III and Linear Algebra. This course is an introduction to the most basic concepts and methods in solving ordinary differential equations. The emphasis of this course is on problem-solving. Topics include first and second order, linear differential equations, and systems of first order linear equations (Ch. 1, 2, 3, 4, 7).

Attendance  You are expected to be in class each day. A record of your attendance will be kept. If missing a class is unavoidable, you are responsible for all material covered and all announcement and assignment made during your absence. You are also responsible for checking your kent.edu email account on a regular basis for possible messages. Make-up tests will be permitted only if there is a legitimate reason for the absence, and if I am notified before the exam.

Homework  Homework will be assigned daily, and will be collected and graded. Late Homework will NOT be accepted. You are allowed (and encouraged) to work together with other students on homework, as long as you write up and turn in your own solutions.

Exams
- Two in-class mid-terms tests will be given, after Ch. 1 – 2 and after Ch. 3 – 4, at roughly 1/3 and 2/3 marks of the whole semester.
- Final exam (on last 1/3 only) is scheduled at Dec. 18, 10:15-12:30pm.

Grades  Homework, 2 midterms, and final each count 25%.

Registration Requirement  The official registration deadline for this course is Sept. 13, 2009. University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashFast) prior to the deadline indicated. Registration errors must be corrected prior to the deadline. The last day to withdraw is Nov. 08, 2009.

Student Accessibility Policy  University Policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).