In Math 64B – Ordinary Differential Equations II

Spring Semester 2004

Instructor

Prof. Raugh  (Sections 2 & 3, at 10 AM & 11 AM, Galileo-Edwards)
   Email:  Raugh@hmc.edu;  Office hours Tue 4-5 PM, Fri 2:30-3:30 PM, Olin B165

Text: Elementary Differential Equations and Boundary Value Problems, 7th Edition by
William E. Boyce, Richard C. Diprima.  [A new 8th edition is forthcoming; we will try to
choose identical homework problems from the two texts.]

Tech:  ODE Architect, ODE Toolkit (developed by Mudders) or other appropriate SW

Grading (approximate weights)

   Midterm  35%
   Final     45%
   Homework 20%  (Must average at least 50% on HW to pass)

Homework – due Mondays at start of class

   HW posted on course web linked to from http://www.math.hmc.edu/~raugh/

Schedule

   Lectures:  MWF, Mar 8 – Apr 30     [3/15-19, Spr Brk, 3/26 Cesar Chav.]
   Exams:    Midterm I (in class), Friday, Apr 9

   Final Exam,  In class, per schedule of Registrar

Topics selected from:

   Chapter 7   – Linear systems of ODEs
   Chapter 9   – Nonlinear systems
   Chapter 11  – Boundary Value Problems

Tutor: TBA  Graders: TBA
Email list. Off-campus attendees need to give email address to instructor.