

Math 30300 Differential Equations for Engineering and the Sciences

Summer 2009 MTWHF 9:50-10:50 PRCE 277

Instructor: Dr. Dominic Naughton, MATH 848

Contact Information: naughtonATmath.purdue.edu or 494-1978

Office hours: Monday 11:00–12:00 and Wednesday 12:00–1:00

Texts:

- Elementary Differential Equations and Boundary Value Problems by Boyce and Diprima, 9th ed
- Ordinary Differential Equations using MATLAB by Polking and Arnold, 3rd ed

Homework, Quizzes, and Exams: Homework and MATLAB assignments will be collected almost everyday at the start of class. Any submitted work must be stapled. Late homework or MATLAB assignments will not be accepted. The lowest 3 homeworks will be dropped. There will be five 10-minute quizzes in class. You will have one days notice of the quiz. No make-up quizzes are allowed. The lowest quiz score will be dropped. There will be 2 one-hour midterm exams on July 1 and July 21 each worth 100 points. There will be a final exam worth 200 points. It is comprehensive and is scheduled during final exam week August 5 – 7.

Grading Policy: Grades will be determined by your performance on the exams, quizzes, and assignments.

27 Homeworks	100 points
4 Quizzes	40 points
8 Matlabs	60 points
Midterm exam 1	100 points
Midterm exam 2	100 points
Final Exam	200 points
Total	600 points

There is no provision for extra credit.

Statement for Students with Disabilities: Students who have been certified as eligible for academic adjustments by the office of the Dean for Students-Adaptive Programs should go to Math 242 during the first week of classes and request an Information Sheet for this semester. This sheet explains how to get these adjustments made in a mathematics course (procedures are not the same as last semester.) Only students who have been certified by the ODOS-Adaptive Programs and who have requested that the ODOS to send their certification letter to their instructor are eligible for academic adjustments.

Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments should also request an Information Sheet from MATH 242. Large print copies of the Information Sheet are available from MATH 242.

Attendance: You are expected to attend all classes and keep up on daily assignments. It is your responsibility to keep up with all homework assignments and announcements. No make-up exams will be given except for religious observance, participation in University activities at the request of the University, serious illness, or bereavement. It is your responsibility to provide written evidence (signed by a third party) of the reason for your absence. The make-up exam must be completed within one week of the missed exam.

Important Dates:

- Last day for a student to drop a course (via the web) without it being recorded: Sunday, June 21, 2009
- Last day for a student to drop a course without a grade: Friday, June 26, 2009
- Last day for a student to drop a course with a passing or failing grade: Wednesday, July 15, 2009