Instructor Syllabus

Math 251 Section 002 MWRF 9:05-9:55am

Instructor Information

Adam Telatovich, office 411 McAllister Building (near the HUB, on the 4th floor), aet156@psu.edu

Office hours

Tuesday 9-11am, Thursday 10-11am (right after class), and by appointment

Course description

Ordinary and Partial Differential Equations. First and second order equations; Laplace transform solutions; higher order equations; second order linear partial differential equations; Fourier series.

Prerequisite

Math 141, or equivalent courses. It wouldn’t hurt to know partial fractions, integrals of certain trig. functions (like tan, arctan, cotan), partial differentiation, integrating functions of multiple variables, and basic manipulations of 2 by 2 matrices. But we will review these concepts.

Textbook


The course coordinator has made his own notes based on the above textbook. I will use his notes to plan my lectures. You can find his notes here: http://www.math.psu.edu/tseng/class/M251(underscore)downloads.html

Exams

Two 75-minute midterm exams (6:30-7:45pm), and a comprehensive final exam.

Homework/Quiz policy

There will be 10 minute quizzes every Monday, Wednesday and Friday. After each class I will post some old Math 251 exam questions on this webpage (http://sites.psu.edu/adamtelatovich/math-251-odes-and-pdes/) and one of them will show up on the next quiz. I will grade quizzes and return them the following class period. I will drop the lowest 5 quiz grades. There will be no makeup quizzes.
Go to my website to find homework:
http://sites.psu.edu/adamtelatovich/math-251-odes-and-pdes/

Go here to find old exams from Math 251:
http://www.math.psu.edu/tseng/class/M251samples.html

Grading policy
Grades will be assigned on the basis of 450 points distributed as follows

   Exam 1: 100 points (2-26-2015)

   Exam 2: 100 points (4-6-2015)

   Quizzes/Homework: 100 points

   Final exam: 150 points

   Grades will be assigned as follows: A (405-450 pts), A minus (390-404), B plus (375-389),
   B (360-374), B minus (345-359), C plus (330-344), C (315-329), D (270-314), F (0-269)

Academic integrity statement
I take academic honesty very seriously. If I catch someone cheating on a quiz or exam, I will
do my best to make sure they receive the most severe sanctions possible. But I do encourage
you to work on homework together. All Penn State policies regarding ethics and honorable
behavior apply to this course.

   For more course policy details, please see
www.math.psu.edu/tseng/class/Math251/MATH251(underscore)SP15(underscore)syllabus.pdf