Math 241 Summer 2014, Session 2
Course Information

Basic Information:
  Instructor: Ted Spaide
  Class Times: 1-3:10, Monday-Thursday
  Office Hours: 3:10-4:10 Tuesday and Thursday in 3N2B
  Course Website: http://www.math.upenn.edu/~tspaide/summer2014_math241.html
  E-Mail Address: tspaide (at) sas (dot) upenn (dot) edu
  Course Text: Applied Partial Differential Equations with Fourier Series and Boundary

Overview:
This course is mainly about solving partial differential equations (PDEs). PDEs are the
multivariable cousins of ordinary differential equations, and require new tools, such as Fourier
series, to solve. For a more detailed breakdown, please see the official department syllabus
at http://www.math.upenn.edu/ugrad/calc/m241/Math241Syllabus.pdf

Grades:
  • Homework (15%): Starting on July 14, homework will be due every Monday at the
    beginning of class. Late homework will not be accepted. I will post homework
    assignments on the course website. I will grade four(-ish) problems from each
    assignment, which will constitute half your score; the other half will be for completion.
    Your lowest score will be dropped.
  • Attendance (5%): I will take attendance at the beginning of each class. You get three
    “free” unexplained absences before it affects your grade.
  • Midterms (15-25% each): There will be midterms on the second and fourth
    Wednesdays of class—July 16 and July 30. The midterms will be one hour each; you
    will get the second hour of class off. The first midterm will cover the first two weeks of
    class. The second will focus on the third and fourth weeks, but you will still need to
    know the previous material. You will be allowed one (8.5x11 in) hand-written page of
    notes, both sides.
  • Final (30-50%): The final will be on the last day of class, August 7, and will cover
    everything we have done in class. It will be two hours. You will be allowed one
    (8.5x11 in) hand-written page of notes, both sides.
  • If your total midterm scores are higher than your final score, the midterms will count for
    25% each and the final for 30%. If the final score is higher, the final will count for 50%
    and the midterms for 15% each.

Important Websites:
  • http://www.math.upenn.edu/~tspaide/summer2014_math241.html is the main course
    website. Homework assignments will be posted here.
  • http://www.math.upenn.edu/ugrad/calc/m241/index.html is the official UPenn site for
    this class. It has links to various course resources, like the syllabus and old final
    exams.
  • We don't have a Canvas site right now, but we should soon. When we do, I will post
    your grades there, and also homework assignments.
General Notes:
• We will have a short (~10 minute) break in the middle of each class.
• Please come on time at the beginning of class and when breaks are over. Having people filter in late is distracting for me and your classmates.
• If you have to miss a test for any reason, you must tell me ahead of time. After-the-fact excuses won't be allowed.
• If you think there is an error in grading with a test or quiz, please give it back to me with a written note detailing your concern.
• The UPenn academic integrity policies are in full effect; see http://www.upenn.edu/academicintegrity/index.html for full details. Collaboration on homework assignments is allowed, but you must write up and hand in your own solutions.

Advice:
• This is a 6-week course, which is really fast. Make sure you're on top of things. Putting something off for a day or two might otherwise be harmless, but it can be pretty dangerous when the course is running at 250% speed. Don't leave your homework until the night before it's due, for example.
• If you need help, get help! I have office hours on Tuesdays and Thursdays from 3:10 to 4:10 in 3N2B. There's also a general help center Monday-Thursday from 9 to 1 in 4C2.