MATH 446: APPLIED COMPLEX VARIABLES

JOHN P. D’ANGELO

Class meets MWF from 11:00 to 11:50 in 141 Altgeld.

Course website address: http://www.math.uiuc.edu/~jpda/teaching.html


The 9-th edition has quite a few improvements from the previous ones. We will cover Chapters 1 through 10, omitting a few sections near the end of chapters.

I have written a book called “An introduction to complex analysis and geometry”, published by the AMS, which covers much of the same material from a more mathematical perspective. I also have written notes called “Linear and complex analysis for applications”. I used these notes for ECE 493 (Advanced Engineering Mathematics); they contain additional applications and more advanced material.

Grading:

Course grades will be based upon total points. There will be two quizzes (50 points each), two exams (100 points each), and the final exam (200 points). If needed, we might have an additional quiz. There will be lots of homework; a few questions on each assignment will be graded. The homework grades will count a small amount in your course grade, the total will be in between a quiz and an exam.

Graduate students who require an additional hour of credit need to talk to me early in the semester. You must obtain a form from the math department office in 313 Altgeld, bring it to class, and we agree what your extra work will be.

EXAMS:

The quizzes will be given Sept. 4, 2015 and Sept. 25, 2015.
The exams will be given Oct. 9, 2015 and either Nov. 13, 2015 or Nov. 20, 2015.
The final exam will be on Thursday Dec. 17, 2015 from 1:30 to 4:30.
Last day of class is Wed., December 9, 2015.

Office Hours: My office is 355 Altgeld Hall. Office hours will generally be MF 9:00 to 10:45, plus additional times by appointment. To schedule an appointment, ask in class, send me e-mail (jpda@math.uiuc.edu), or call me at 333-6406.

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