

Fall 2009 Math 402A: Advanced Math I for Engineers and Physicists

Time: TR 4:20-6:00pm

Room: SH C242

Instructor: Randolph Cooper

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Office Hours: MW 2:30-3:30pm, TR 6:10-7:10pm, and most of the time TR 2:30-3:30pm

Course Text Book: Advanced Engineering Mathematics (9th Ed) Kreyszig, John Wiley and Sons, 2006

Summary of Course: We will study vector calculus and complex analysis

In July of 2009, members of the California Faculty Association voted to allow the California State University Chancellor to impose unpaid furlough days for all professors and lecturers at all 23 Cal State Campuses. The purpose of furloughs is to minimize the need for faculty layoffs given the current budget crisis. At Cal State LA, this means that most professors and lecturers are required to take 6 days of unpaid leave each quarter, during which time they are prohibited from performing any university work.

There is no class on November 12

Administrative furlough days are 10/2, 10/16, 11/6, 11/20, 12/4.

**THE ADD DEADLINE IS Thursday, October 8, 2009
THERE WILL BE NO LATE ADDS**

The No Record Drop deadline is Thursday, October 1, 2009

Prerequisite: Math 215 or Math 401

Exams: There will be one midterm and a final. The exams will cover material from lecture and the reading assignments.

Tentative Schedule:

Midterm sixth week (Nov 5)

Final Tuesday December 8 4:30-7:00pm

Homework: You will be given weekly homework assignments. They will be collected. They are worth 10 points a piece. The lowest score will be dropped.

Exam Policy: No make-up exams will be allowed. In case of an extreme emergency an exception may be made. You have two class meetings after a midterm or homework assignment is returned to discuss any errors in its grading.

Grading Policy:	Homework	10%
	Midterm	40%
	Final	50%

The following letter grades will be guaranteed:	A	93%-100%
	A-	90%-92%
	B+	87%-89%
	B	83%-86%
	B-	80%-82%
	C+	77%-79%
	C	70%-76%
	C-	63%-69%
	D	50%-62%

These are the sections that will be covered. If we are low on time we may skip some of these sections.

Chapter 9 Sections 9.1-9
Chapter 10 Sections 10.1-9
Chapter 13 Sections 13.1-7
Chapter 14 Sections 14.1-4
Chapter 15 Sections 15.1-5
Chapter 16 Sections 16.1-4
perhaps Chapter 6

Be on time for class. If you need to leave early sit by the door. Please feel free to ask questions during lecture and please come to office hours. Office hours are extremely important. They allow us to have one-on-one interaction.