

## 1 Contact Information

Professor: Stephen Robinson

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## 2 Office Hours

I hope that you will make a habit of visiting me during office hours, which are listed below. No appointment is needed. Just stop by. This time with students is one of the most pleasant parts of my job. I certainly hope that you find it helpful, and I know that I find it helpful. If you need help at another time, then it is usually best to check with me ahead of time.

TBA

## 3 Text

*Advanced Engineering Mathematics*, by Erwin Kreysig

## 4 Course Content and Goals

We will cover chapters 6 and 7 of the textbook.

## 5 Homework

Homework is very important. During each class meeting I will point out which problems you should be working on. Every Friday I will collect two things:

1. Two solutions of your choosing. These should represent your best work.
2. A list of three specific questions about current or past material.

My primary goal in doing this is to promote communication. I need to know how well you are understanding the material, and I need to know what your questions are. Grading is based primarily on effort. This is worth 10% of your grade.

## 6 Exams

There will be two equally weighted exams, each worth 45% of your grade. One exam based upon chapters 6 and one on chapter 7. Each exam comes in two parts:

Part A: Contains *standard* problems and must be done in a two hour period with no help from the text, notes, or other aids.

Part B: Contains problems that require more time and thought and must be completed in a three day period. You are allowed to use the textbook and your notes. This part is guaranteed to contain at least one homework problem.

## 7 Grading Policy

If you consistently demonstrate an ability to perform standard computations and solve standard problems, then you have a good chance of earning a C or better. If you can also solve some more difficult problems and provide some insight as to why the methods work, then you have a good chance of earning a B or better. If you become adept at solving standard and nonstandard problems, and if you can clearly justify all of the methods that you use, then you have a good chance of earning an A. Hard work is a prerequisite for earning a good grade (A, B, or C), but no amount of work will guarantee you a particular grade. Just do the best that you can, and then be proud of the grade that you have earned. If you are ever unsure about a grading policy, or if you are not sure where you stand, then you are welcome to ask.

Here is the grading scale that I will use at the end of the semester. I reserve the right to make adjustments to this scale, but I will not adjust the boundaries to anything higher than those listed below. Pluses and minuses are assigned to grades that are near a cutoff point.

A: Total  $\geq 90\%$

B:  $75\% \leq \text{Total} < 90\%$

C:  $60\% \leq \text{Total} < 75\%$

D:  $45\% \leq \text{Total} < 60\%$ .