

KEYS TO SUCCESS

1) THE HOMEWORK – The homework problems and the problems like the homework problems in the book are a primary basis for how the quizzes and exams are written.

2) THE LECTURES – The material, concepts, and types of problems presented in the lectures will also be emphasized consistently on the quizzes and exams.

3) LEARN TO UNDERSTAND AND NOT JUST DO THE MATHEMATICS – Your ability to understand the mathematics and the subtleties of the concepts will be tested on the quizzes and exams. The **Quality** of the time you spend working on the homework problems is as important as the quantity of time you spend working on the homework. Make the investment of time early in the course. Most of the concepts are built upon other concepts. Challenge yourself to understand the mathematics at a deeper level than you are used to doing.

4) BE MENTALLY ACTIVE IN CLASS – Actively participate in the solving of the problems consistently, this may or may not include taking copious notes.

5) PREPARE YOURSELF FOR THE LECTURE BEFORE COMING TO CLASS – Start working on the homework assignment before coming to class. If you have already thought through some of the less difficult problems yourself, then understanding the more complex problems solved in class will be more attainable.