Text: Mathematical Methods in the Natural Sciences – available in the Mathematics Office and on-line. It is highly recommended that you get a hard copy. The book is free.

Lab Manual: Also available in the Mathematics office and it is free.

Technology: The course is Excel based. You will need access to a scanner. There are many scanner apps available for

The goal of this course is to help you learn and sharpen the basic mathematical skills which you will need for success in the Natural Sciences.

Strategy for Success

Each unit includes an explanation of several related topics, examples pertaining to each topic, exercises called "You Try Its" which will help you assess your understanding of a given topic and finally a unit quiz. Work each of the completed examples and the "You Try Its" as you encounter them. The "You Try Its" are problems that directly pertain to the material you just read.

Math is a <u>cumulative</u> subject. That means an understanding of a topic you study early in the workbook will be required for you to understand one or more topics that occur later in the text. When you encounter a concept or an example that you don't understand, spend time formulating a question. For instance, if you are reading one of the completed examples and do not understand how the author got from one step to the next, post your question on the "Ask the Instructor" page which is located in the Communications section of the on-line course. Try to be as specific as possible. I will typically respond to each question within 24 hours and sometimes much faster, based on the

homework.

Course Requirements
Ouizzes: All quizzes are on-

Laboratory: The laboratory exercises are designed to give you an opportunity to use certain math skills that you acquired earlier in the semester