Math 275 - Differential Equations

TBA Review sheet instructions

I want you to succeed in Math 275!

The TBA review sheets are intended to help you organize, study, and understand the course material and to assist you in your preparation for exams.

They are required and will be part of your grade, per the course grading system described in the syllabus.

A TBA review sheet template will be provided and must be used.

A separate TBA sheet should be used for each section we cover in the text. Some sections may require multiple TBA sheets.

Use of anything other than the TBA template will not be accepted.
The areas you must address on your review sheets are:

Definitions, theorems, key concepts, and the skills required to understand the material and work assigned problems.

One effective and efficient way to create useful TBA review sheets is to make them out while you are reading/studying each section and before you attempt any of the assigned homework problems in the sections.

I think you will find that, with these review sheets, the material will make more sense and the homework problems will be easier to understand and work.

If you still have some difficulty with the assigned problems, the review sheets should help you to identify your weak areas which should form the basis for questions to be asked / discussed during the next class meeting.
Be sure to write your review information in complete sentences.

If you are creating your review sheet by hand, be sure to print plainly and clearly so that it can be read and understood without an interpreter.

It is not an acceptable TBA review sheet if:

1. I can't read it,
2. I can't follow what is being presented or,
3. I find that it is incomplete or incorrect
The categories are:

Definitions:

Write out all definitions directly from the sections in the text that you are working on. They should be written, word for word, on your review sheet.

Each definition must be word for word because, if you put it in your own words and happen to misinterpret the definition, it may cause you difficulties later.

Be sure that you understand each definition and how it relates to the other material in the section. If you don't understand, then ask during the next class meeting.
Theorems:

Write down each theorem in the section again word for word. Review the proof, if one is given, and note anything there you have difficulty with.

Key concepts:

Each section will introduce new items. Write down all new ideas encountered in the section. Use complete sentences.

Be sure you understand the concepts and if you don’t, ask questions in class.
Important skills:

List the skills required to understand the material and successfully complete the homework assignments.

Each skill listed should begin with something like “I need to be able to ... “

Remember, these review sheets are for your benefit, not mine. Done correctly, they should accomplish at least two things:

1. They should make exam preparation much easier.

2. They should make understanding the course material and working assigned problems easier and more interesting.