In this course we will be covering Chapters 1 through 5 and Appendix A. I will be grouping material into modules. For each module you will be responsible for homework problems or quizzes, and exams. On my web site I have links to a variety of documents that will help keep you informed.

Module 1 will cover Appendix A, 3.1, and Chapter 1. This material is on matrices and a few basics of ordinary differential equations. We will be learning a variety of things about matrices that will benefit you in the rest of the course. It is important to master this material as we cover it so that you will not have to think much about it when we use it later. You will have 2 homework assignments in this module. Your exam for this module will be a take home exam that will be due on Monday, 9/13. I will post this exam online no later than Friday morning, 9/10.

Module 2 will cover Chapters 2 and 3 (not necessarily all the sections). This material will cover first order differential equations and first order systems of differential equations. Four homework sets will be due during this module. I will give you a set of homework problems to do for each section. On days that your homework is due I will indicate which problems I want you to turn in. It will be necessary for you to be able to hand me those problems specifically, stapled together. I do not want every problem that is assigned for practice—if you have done several problems on one sheet of paper and a problem that is due is with several others on one sheet, I will accept that. I expect that all work will be shown on every homework problem. Along with homework problems, you will have questions that need to be answered. You will turn in the answers to these questions along with the problems I request (all stapled together). I will grade one of these answers to be determined when I am grading them. An in-class exam over this module will be on Monday, 10/11.

Module 3 will cover Chapter 4. This material will cover second order linear differential equations. Four quizzes will be given over the material. The quizzes will be based on the homework problems that are assigned for practice. The quiz questions will be very closely related to the homework problems, but will not necessarily be them exactly. Also on the quiz will be one question from the list of questions given for the section(s) being quizzed over. An in-class exam will be given on Friday, 11/5.
Module 4 will cover Chapter 5, Laplace Transforms. Three quizzes will be given in this module and will follow the process described in Module 3 above. You will be tested over material in this module in the comprehensive final exam given on **Monday 12/13, 8:00-10:00**.

On my web site you will find documents that contain all due dates for homework and quizzes, homework practice problems by section, and questions that will be included in the homework and quizzes. **No late homework will be accepted.** One homework and one quiz will be dropped in the computation of your grade.

No late or early exams will be given. If you must miss an exam, your final exam grade will be used. *Please let me know if something happens that you will not be at an exam.*

Your grade for the course will be based on 100% (that is, 90-100% A, 80-89% B, 70-79% C, 60-69% D). The turned in homework and quizzes will count 20% of your grade, each of the 3 exams during the semester are worth 20% of your grade, and the final exam is worth 20% of your grade.

In all of this it will be important for you to read your textbook and work the practice problems. The more problems you can work, the better off you will be. You will need to be able to work the problems without the benefit of your book or other outside help. I will also expect that you understand the processes that we are learning. If you can describe a process or problem solving method to someone else, you usually know it—so it might be helpful for some of your time outside of class to be working with others.

As with all math classes you should expect to work at least 2 hours outside of class for every hour spent in class. Please look at your “life schedule” and see if you can make this commitment.

Please take advantage of my office hours. If you cannot make the times that I have scheduled, hopefully we can find another time that will work. Talk to me if this is an issue. You may also email me questions and I will try to respond in a timely manner or during the next class period.

All students are expected to know and follow the Boise State University Student Code of Conduct which includes a section on academic dishonesty. You can find a link to the code at [http://www.boisestate.edu/osrr/](http://www.boisestate.edu/osrr/)

“You have to be confused before you can reach a new level of understanding anything.”

Dudley Herschbach, Nobel Prize Winner, Chemistry, Harvard University