

COURSE INFORMATION Location: MTH 217
 Class Times: MTWRF 09:25-11:50
 Instructor: Dr. Karl Frinkle
 Office: MTH 208
 Office Hours: MTWR 12:00-14:00 or by appt.
 Office Phone: (580) 745-2028
 E-mail: kfrinkle@sosu.edu
 Website: <http://www.sosu.edu/faculty/kfrinkle>

TEXT *Applied Mathematics* (3rd edition), by J. Logan, ISBN 0471746622

COURSE OVERVIEW We will look at some important introductory aspects of applied mathematics, along with some topical subjects. We will attempt to cover Dimensional Analysis, Scalings and Differential Equations, Perturbation Methods, Eigenvalue Problems, Integral Equations, Discrete Models, Partial Differential Equations and Wave Phenomena. The chapters we will definitely cover are chapters 1, 2 and 4. Next in line is chapters 6 and 7, with 4 possibly as well. There will also be the option of covering other topics as well, if time permits.

COURSE OUTLINE Since this is a June block course, the four classes per week are about two and a half hours apiece, we will spend about three quarters of each class period in lecture, and one quarter of the class period working problems out on the board as a group. There will be homework assignments, usually assigned from the homework problems in the textbook.

POLICIES You will not be able to make up an assignment which you missed the deadline for unless you notify me ahead of time. Given prior notification of an absence, I will ensure that you can take the quiz or hand in your homework or project at a more convenient time.

Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.

All cell phones, pagers, CD players, laptops, calculators and other such devices must be turned off and put away before class begins. It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor.

I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope). All changes will be made in writing.

GRADES Your final grade will be based solely on graded homework and class participation, which does include board work. We will discuss the actual percentages the first week in class.

IMPORTANT DEADLINES FOR SUMMER 2007

- 2007.06.04 - Classes begin
- 2007.06.06 - Last day to add a class
- 2007.06.29 - Last day to drop a class with automatic W
- 2007.07.13 - Last day to drop a class
- 2007.07.27 - Classes end

SPECIAL ACCOMMODATIONS Any student needing special accommodations due to a disability should contact the Coordinator of Student Disability Services, Student Union, Suite 204 or call (580) 745-2254 (TDD# 745-2704). It is the responsibility of each student to make an official request to the Coordinator for academic accommodations.