

COURSE INFORMATION	Location: MTH 206 Class Times: MWF 14:00-14:50 Instructor: Dr. Karl Frinkle Office: MTH 208 Office Hours: MWF 12:00-13:00 or by appt. Office Phone: (580) 745-2028 E-mail: kfrinkle@sosu.edu Website: http://www.sosu.edu/faculty/kfrinkle
TEXTS	<i>Numerical Analysis</i> , by T. Sauer ISBN 0321268989 <i>Learning Matlab 7</i> , by Mathworks ISBN 0975578766
SOFTWARE	<i>Matlab and Simulink Student Version Release 14</i> , by Mathworks ISBN 0975578782
COURSE OVERVIEW	This course will serve as an introduction to numerical computation and analysis. Topics we will cover include function evaluations, loss of significance, solving equations of systems, interpolation, differentiation and integration, ordinary differential equations and partial differential equations. The software package Matlab will be used to write programs relating to the topics covered in the class.
COURSE OUTLINE	We will attempt to cover the first 7 chapters of the book, with perhaps an informal introduction to partial differential equations. Homework will be assigned on a fairly regular basis. There will also be several projects over the course of the semester which will be more detailed and in-depth than the homework assignments. There will be no exams or quizzes. Grades will be based upon homework, projects, and class participation too.
POLICIES	<p>Given the nature of this class, attendance is critical. Some of the material discussed in class will not come from the textbook. As a result, if you miss class, it will hurt your grade.</p> <p>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.</p> <p>I will not accept any homework or project after the due date. There will also be no extra credit. If there is an assignment due on a date which you will not be in class, please let me know ahead of time and we will try to work something out.</p> <p>All cell phones, pagers, CD/MP3 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.</p> <p>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).</p>
GRADES	Your final grade will be based upon the following items <ul style="list-style-type: none">• 50% - Homework

- 40% - Projects
- 10% - Class participation

Note: All material from the course will be found on my website, NOT on BlackBoard.

SPECIAL
ACCOMMODATIONS

Any student needing special accommodations due to a physical, mental or learning disability should contact Mrs. Susan Dodson, the Coordinator for Student Disability Services, Hallie McKinney, Room 115B or call (580) 745-2394 (TDD# 745-2704). It is the responsibility of each student to make an official request to the Coordinator for Student Disability Services for all academic accommodations due to a disability. For copies of disability related policies, please contact Student Services (Administration Building, Room 205) or Student Support Services (Hallie McKinney, Room 111B).