Course Description: Introduction to numerical methods for engineering analysis, design, and resource management.

Prerequisites: Math 213, 225, or 331, ENGR 221, 331


Grading: Homework 35% (30% writing, 70% technical)
midterm exam (November 18) 35%
term project (Due Friday, December 12, 11:00 am) 30% (70% writing and oral presentation, 30% technical)

Homework Grading: Homework/lab problems that require writing or using a computer program must include 1) a problem description and summary and analysis of the results, 2) a listing of the program containing a variable dictionary and documentation, and 3) examples of input data and program output. The problems will be graded according to the accuracy of the problem solution, structure and appearance of the program (including documentation), and quality of the analysis of the results.

Late Papers: 50% off if late, 100% off if more than one week late. Some papers (announced) will not be accepted late.

Academic Honesty: The university policy regarding academic honesty is **strictly upheld**. This policy can be viewed at [http://www.humboldt.edu/~judicial/html/academic_honesty.shtml](http://www.humboldt.edu/~judicial/html/academic_honesty.shtml)

Last Day to Drop: Without compelling reason: September 22
With a compelling reason: November 14