Math 2233 - Differential Equations

Syllabus - Spring 1999

Instructor: Dr. Birne Binegar
430 Mathematical Sciences
Tel. 744-5793
Email: binegar@math.okstate.edu
WWW: http://www.math.okstate.edu/~binegar

Office Hours: Mondays and Wednesdays at 1:00, MS 430

Required Text: *Elementary Differential Equations*, Forth Edition,

Prerequisites: Calculus II

Course Objectives: Upon completing this course, students should understand the
general theory of differential equations and the basic techniques
for solving differential equations/boundary value problems
involving one unknown function and one independent variable.

Homework: Homework problems will be assigned daily in class. All the
homework assigned during a given week will be due at the
beginning of the first class of the following week. Several
of the homework assignments will involve the use of the
computing facilities at the MLRC (Mathematical Learning
Resource Center), located in the basement of South Murrany.

Examinations: There will be two midterm examinations worth 100 pts each
and one final examination worth 150 pts. If for any reason a
midterm examination is missed, then the percentage correct on
the final examination will be used as the score on the missed
examination.

Grades: Grades will be determined exclusively from homework, midterm,
and final exam scores.

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>2 Midterm Examinations</td>
<td>200 pts.</td>
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<tr>
<td>Homework and Quizzes</td>
<td>25 pts.</td>
</tr>
<tr>
<td>Final Examination (1:00 p.m., May 6)</td>
<td>150 pts.</td>
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\[
\text{375 possible pts.}
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Letter grades will be assigned following a standard distribution: if
the class average for the total number of points is \(X\) and the standard
deviation is \(\sigma\) then

A: if total score is \(\geq X + \sigma\) (top 15% of class)
B: if total score is \(> X\) and \(< X + \sigma\) (next 35% of class)
C: if total score is \(\geq X - \sigma\) and \(\leq X\) (next 35% of class)
D: if total score is \(\geq X - 2\sigma\) and \(\leq X - \sigma\)
F: if total score \(< X - 2\sigma\)