INSTRUCTOR

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PREREQUISITE

Math 1C with a grade of “C” or better.

TEXT

Differential Equations, Computing and Modeling, 4e (Edwards/Penney)
A Student Solutions manual is also available.

EXAMS

Three midterm exams will be given during the semester. No make up exams will be given unless arrangements are made before the exam date. Sample exams from the last time I taught this course can be found on my website at the address given above.

The final exam is cumulative and will be given on Monday, December 15, from 7 am – 9:45 am. Mark this date and time on your calendar. Make your travel and work plans accordingly. The final exam will not be given before finals week.

HOMEWORK

Assignments are to be done on Engineering Paper. As a general rule, one assignment will be due each day that class meets. Late assignments will be accepted for penalty. See the next page of this handout for more details on homework policy and the format to be used. In addition to homework, a sheet of review problems will be distributed on Wednesday of each week and collected at the beginning of class the following Wednesday. The average of your top ten review scores will be used to compute the review portion of your semester grade.

GRADING

The following weighting factors and scale will be used to determine your semester grade.

<table>
<thead>
<tr>
<th>Component</th>
<th>Weightage</th>
<th>Grade Range</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRESENTATION</td>
<td>5%</td>
<td>100 – 90</td>
<td>A</td>
</tr>
<tr>
<td>HOMEWORK</td>
<td>10%</td>
<td>89 – 80</td>
<td>B</td>
</tr>
<tr>
<td>WEEKLY REVIEWS</td>
<td>15%</td>
<td>79 – 65</td>
<td>C</td>
</tr>
<tr>
<td>MIDTERM EXAMS</td>
<td>45%</td>
<td>64 – 50</td>
<td>D</td>
</tr>
<tr>
<td>FINAL EXAM</td>
<td>25%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

If your homework average is at least 70%, then your final exam score will replace your lowest midterm exam score (if it is higher) when computing your midterm average.

CALCULATORS

Computer demonstrations using the program Mathematica will be part of several classroom discussions this semester. Several of the homework assignments will require you to use Mathematica. A graphing calculator with a built-in CAS is also required. I recommend that you obtain a TI-89, TI-Inspire CAS, or Voyage200 calculator.

ELECTRONIC DEVICES

The use of cell phones and MP3 players during class time is rude and inconsiderate. Please turn these devices off and put them away while you are in class. Repeat offenders will be asked to leave.
Homework Information

POLICY
Assignments will be collected at the end of class on the day that they are due. Work submitted after the class period during which it is due will be marked LATE and loses 4 points per class meeting. Only selected problems will be graded. Each assignment is worth a maximum of 12 points.

FORMAT
All homework is to be submitted on Engineer’s Computation Pad paper, which is available in the bookstore. The heading and format to be used on each page is shown below.

<table>
<thead>
<tr>
<th>MATH __, Martin</th>
<th>Assignment # ___</th>
<th>Joe Smith #20</th>
<th>a / b</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Note: The fraction in the upper right hand corner tells (a) the individual sheet number of this page of your assignment and (b) the total number of sheets in your assignment.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All work is to be done in pencil on the front side of the paper. Do not write on the back. Each answer must be supported by sufficient work and must be clearly displayed. Problems and sheets must be in their proper order and sheets must be fastened together by staple.

You may use either one column or two-column format as shown below. Note that in two-column format, a vertical line is drawn down the center of the page. Lines must be drawn between problems and each problem number should be clearly visible. Once you have selected a format for an assignment, do not change to the other format within that assignment.

It is to your advantage to present a paper that is neat and organized. Remember that someone else must read your work. (You may even want to read it yourself as you study for an exam!)

PEANUTS  Charles M. Schulz