INSTRUCTOR INFORMATION

REQUIRED MATERIAL

TECHNOLOGY
I will use MAPLE software to work various examples and conduct multiple simulations. If you are familiar with MATHEMATICA or MATHCAD, you may use those. All three programs can be accessed through the library's Citrix server at [https://citrix.unr.edu/](https://citrix.unr.edu/).

GRADING
Your course grade will be determined by the following:

- 80%  Homework
- 20%  Midterm Exam

GRADING SCALE

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<thead>
<tr>
<th>Grade</th>
<th>Minimum % Required</th>
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<tbody>
<tr>
<td>A</td>
<td>90%</td>
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<tr>
<td>B</td>
<td>80%</td>
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<tr>
<td>C</td>
<td>70%</td>
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<tr>
<td>D</td>
<td>60%</td>
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<td>F</td>
<td>&lt;60%</td>
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STUDENT EVALUATION PROCEDURES

**Homework:** Weekly homework of two modeling problems will make up 80% of your course grade. Homework problem will require you to think critically about how to apply techniques presented in the textbook and lectures to obtain solutions, then write up your solutions clearly, explaining your assumptions and your conclusions. *Late homework is not accepted.* Students may work in groups of two or three on all homework assignments. Each group will submit one paper with names of all group members. *Students in Math 620 will need to work on an extra project.* Other than discussion with me and within your group, no outside help may be given or received on homework assignments.
Grading policies on the homework:

- You are responsible for editing and proofreading your homework solutions. Answers that do not make sense, whether due to serious conceptual issues or sloppy writing, may receive no credit.

- Solutions must include answers, in clear English, to the question asked in assigned problems. If mathematical computation is necessary to determine the answer, then evidence that you performed the computation should be included. The computation is not worth anything, however, without a clear and correct explanation of the conclusion you draw from your calculation.

- If a problem involves numerous repetitive calculations, then you should provide sample calculations or data, as well as explanation of what variations were made and how the conclusion varied. When the amount of data exceeds that which can be explained clearly in English, a table or graph should be used to present the data. If I am unable to find your conclusions without wading through many pages of repetitive Maple code and/or graphics, you may not receive credit for the conclusions you have reached, even if they are correct.

**Test:** There will be one midterm exam, on April 1. Students who will be absent with a documented emergency or University-sponsored activity must see the instructor at least a week beforehand to make arrangements. After-the-fact makeup exams will be given only in extreme unforeseeable circumstances.