This is a Term B course: October 23 – December 15, 2006

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Office Hours: MTWR 16:00–17:00, and by appointment

Dennis G. Zill, Thomson Learning, Inc. (Brooks/Cole), 2005.

Course Content: This course addresses fundamental concepts in differential equations, including:

- First-order differential equations (e.g., separable, linear, exact)
- Modeling with differential equations
- Higher-order differential equations
- Systems of linear first-order differential equations

Homework: Homework will be assigned each class, but will not be collected.

Quizzes: Quizzes will be given regularly, usually one per week, and will be announced.

- Quiz problems will be closely related to the homework problems.
- No make-up quizzes will be given.
- The lowest quiz score will be dropped.

Exams: Two exams will be given: a midterm and a final exam.

- Comprehensive midterm: Wednesday, November 15, 2006, 6-8pm, M&M U115
- Comprehensive final exam: Wednesday, December 20, 2006, 3–5pm, Fisher 135
- No make-up exams will be given except in extreme circumstances which are explained in writing (e.g. doctor’s note).

Grading: The course grade will be calculated using a straight percentage scale (A: 90–100%, AB: 85–89%,
B: 80–84%, BC: 75–79%, C: 70–74%, CD: 65–69%, D: 60–64%, F: 0–59%) and the following weighting system:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>Quizzes</td>
<td>20%</td>
</tr>
<tr>
<td>Comprehensive Midterm Exam</td>
<td>40%</td>
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<tr>
<td>Comprehensive Final Exam</td>
<td>40%</td>
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