MULTIVARIABLE CALCULUS
SPRING 2016

Class web page:  http://math.rutgers.edu/courses/251/251-s16/speer/

Instructor:  Professor E. Speer  Office: Hill Center 520
           Telephone: 848–445–7974 (Rutgers extension 5–7974)
           Email: speer@math.rutgers.edu

Office Hours:  Monday, 9:00–10:00 AM, Hill Center 520
              Thursday, 10:20–11:40 AM, Hill Center 520
              Friday, 9:00–10:00 AM, Hill Center 520
              Or by appointment or chance in Hill Center 520

Recitation:  The recitation instructor is Alexi Hoeft, email alexi@math.rutgers.edu. Her office is Hill Center 624; she will announce her office ours early in the semester.

Web site: Course information will be posted regularly on the class web page given above; you should check this site regularly. Some information may also be posted on Sakai.

Text: Rogawski, Calculus: Early Transcendentals, 2nd edition. New York: W. H Freeman, 2011. We use the custom edition for Rutgers. The syllabus is posted on the class web page. NOTE: We will NOT use the third edition, which is being used in Math 151–152 this year.

Homework: Homework problems are posted on the web site and will be discussed in recitation. They will not be collected.

Quizzes: A brief quiz will be given in most recitation classes. One quiz grade will be dropped; for this reason, missed quizzes may be made up only in very special circumstances.

Maple labs: Maple is a program for symbolic manipulation which is very useful to scientists and engineers; in Math 251 you will learn something about its use. The first recitation of the term, on Wednesday, January 20, will meet in a student computer lab, ARC 121 for Section 11 and ARC 118 for Sections 12 and 13. There you will begin playing with the program. Five Maple projects, called “labs”, will be assigned during the term and will be collected and graded.

        You may discuss Maple labs with me, with your recitation instructor, or with other students. On the other hand, the lab you turn in must be your own work. Failure to observe these restrictions will be treated as a violation of the Rutgers Academic Integrity Policy.

Exams: There will be two in-class exams, on Friday February 26 and Friday, April 8. The final exam will be Thursday, May 5, 12:00–3:00 PM; the room for the final will be announced later. Make-up exams will be given only in the case of well-documented illness or major emergency or (only with permission in advance) of a major outside commitment.

Calculators and formula sheets: No calculators or student-supplied formula sheets may be used on quizzes or exams. I may provide a brief formula sheet for some or all of the exams.

Grading: Grading will be based on a weighted average of quizzes, Maple labs, and exams:

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<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Quizzes</td>
<td>12%</td>
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<tr>
<td>Maple labs</td>
<td>8%</td>
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<tr>
<td>Class exams</td>
<td>40%</td>
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<tr>
<td>Final exam</td>
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