Math 273: Calculus III, Spring 2011

Section 3: Tu, Th 12:00-12:50 in Wegner G50

Instructor: Dr. Eric Remaley
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Office: Neill 315 335-2134
Office Hours: MWF 10:10-11:40
other times by appointment

Assistant: Wen Wang
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Office: Neill 314
Office Hours: TBA
and by appointment

Prerequisites: Math 172 with C or better, or 3+ on the Calculus BC exam


http://www.math.wsu.edu/math/faculty/remaley/welcome.html is where you’ll find the course website. Homework assignments, exam info, and other information will be posted here.

http://my.math.wsu.edu provides access to an on-line version of the Maple software package, which you will be required to use from time to time. Also, I will eventually begin posting your grades there. Log on to this website using your WSU “unified sign-in” user ID and password.

Calculator: No calculator is required for this class. Calculators are not allowed on tests.

Grading: As shown here. No adjustments for “improvement” or a “bad day” or anything like that, and no curve.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Homework (best 12 out of 14)</td>
<td>25%</td>
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<tr>
<td>Midterm exam 1</td>
<td>25%</td>
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<tr>
<td>Midterm exam 2</td>
<td>25%</td>
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<tr>
<td>Final exam</td>
<td>25%</td>
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</tbody>
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92 ≤ < 100% A  72 ≤ < 78% C
90 ≤ < 92% A-  70 ≤ < 72% C-
88 ≤ < 90% B+  68 ≤ < 70% D+
82 ≤ < 88% B   60 ≤ < 68% D
80 ≤ < 82% B-  00 ≤ < 60% F
78 ≤ < 80% C+  00 ≤ < 60% F

Exams:

| Exam 1: Thursday, 2/17/11, in class |
| Exam 2: Thursday, 3/31/11, in class |
| Final Exam: Tuesday, 5/3/11, 1:00-3:00 pm, room TBA |

Make-up exams will be given only in rare cases, and only if you’ve made every effort to notify me of the problem as soon as possible. Otherwise, you’ll take a zero on the exam.

Homework will be assigned each lecture. Everything assigned during one week (Tu, Th) will be collected the following Tuesday as one assignment. Papers should be neat, organized, and stapled, with the front page labeled as shown below.

Do not copy; if one paper appears to be a copy of another, both will be given a zero grade. A paper copied from a solutions manual will get a zero. Show supporting work or explanation on every problem. **No late homework.**

Cheating will not be tolerated. Cheating will result in a zero grade for the exam and possibly a failing grade for the course.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and may need accommodations to fully participate in this class, please visit the Disability Resource Center (DRC). All accommodations MUST be approved through the DRC (Washington Bldg, Room 217). Please stop by or call 509-335-3417 to make an appointment with a disability specialist.

Safety on campus: The Provost and Executive Vice President of WSU has asked that all faculty, staff and students visit the following websites:

- http://safetyplan.wsu.edu (Campus safety Plan)
- http://oem.wsu.edu/emergencies (University emergency management site)
- http://alert.wsu.edu (WSU ALERT site)
- http://my.wsu.edu (register your emergency contact info for the Crisis Communication System)
Other Important Things:

• We will cover selected sections from chapters 10 through 13. Topics include: equations of lines and planes in $\mathbb{R}^3$; functions of multiple variables; vector-valued functions; vector fields; partial derivatives; gradient vector; tangent planes; iterated integrals; line integrals; surface integrals; Green’s Theorem; Stokes’ Theorem; Divergence Theorem.

• I advise you to COME TO CLASS, DO YOUR HOMEWORK, and READ YOUR TEXTBOOK.

• THIS SYLLABUS IS SUBJECT TO CHANGE. So come to class and check the course website regularly.