Math 273-02: Calculus III, fall 2015

Instructor: Dr. Eric Remaley, remaley@math.wsu.edu, office hours MWF 9:30-11 and by appointment.

Course web page: http://www.math.wsu.edu/math/faculty/remaley/welcome.html

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


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. Expect no curve.

<table>
<thead>
<tr>
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<th>Points</th>
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<tbody>
<tr>
<td>Homeworks (best 12 out of 14)</td>
<td>120 pts</td>
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<tr>
<td>2 midterm exams</td>
<td>200 pts</td>
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<tr>
<td>Final exam</td>
<td>180 pts</td>
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<tr>
<td>Total Possible:</td>
<td>500 pts</td>
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92 ≤ < 100% A
90 ≤ < 92% A-
87 ≤ < 90% B+
82 ≤ < 87% B
80 ≤ < 82% B-
77 ≤ < 80% C+
72 ≤ < 77% C
70 ≤ < 72% C-
67 ≤ < 70% D+
60 ≤ < 67% D
57 ≤ < 60% F

Exams:
- Exam 1: Tuesday 9/29/15, 6-7 pm, room TBD
- Exam 2: Tuesday 11/3/15, 6-7 pm, room TBD
- Final Exam: Wednesday 12/16/15, 7-9 pm, room TBD

Make-up exams will be given only in rare cases, and only if you’ve made every effort to notify Dr. Remaley of the problem as soon as was possible. Otherwise, you may be given a zero for the exam.

Homework: Starting the 2nd week of classes, homework will be due each Tuesday. Papers should be neat, organized, and stapled. Do not copy. A paper which appears to be copied from another student, a solutions manual, or other outside source may be given reduced credit (possibly zero). Show supporting work or explanation on every problem. Your best 12 of 14 homework assignments will be counted. As a rule, late homework is not accepted. Exceptions will only be considered in rare, extreme cases (when circumstances were unexpected and beyond the student’s control, and the student has informed the instructor promptly). Even when exceptions are made, stiff penalties are often enforced. Assignment 1 is posted at the course web page.

Academic Integrity: Washington State University, a community dedicated to the advancement of knowledge, expects all students to behave in a manner consistent with its high standards of scholarship and conduct. Students are expected to uphold these standards both on and off campus and acknowledge the university’s authority to take disciplinary action. The purpose of these standards and processes is to educate students and protect the welfare of the community. The standards of Conduct for Students can be found at http://conduct.wsu.edu.

Students with Disabilities: Reasonable accommodations are available for students with a documented disability. If you have a disability and need accommodations to fully participate in this class, please either visit or call the Access Center (Washington Building 217; 509-335-3417) to schedule an appointment with an Access Adviser. All accommodations MUST be approved through the Access Center.

WSU Safety Measures: Washington State University is committed to maintaining a safe environment for its faculty, staff, and students. Please visit http://safetyplan.wsu.edu and http://oem.wsu.edu/emergencies to access the Campus Safety Plan and emergency information. You should also become familiar with the WSU Alert Site (http://alert.wsu.edu) where information about emergencies and other issues affecting WSU will be found.

Other Important Things:
- http://www.math.wsu.edu/studyhalls/welcome.php gives information (including hours of operation) for the Math Learning Center (MLC) and the MLC Computer Lab, where you can get help with math.
- We will cover selected sections from chapters 11 through 14. 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.
- THIS SYLLABUS IS SUBJECT TO CHANGE. So come to class and check the course web page a lot.