Syllabus for Math 1280-01
Accelerated Engineering Calculus II

Instructor: Karin M. Leiderman
Email: karin@math.utah.edu - the best way to reach me!
Office: LCB 317
Office Phone: 581-1635
Time and place: M,T,W,F 2:00 - 2:50 p.m. in LCB 219
Office hours: Monday and Tuesday 3:00 - 4:30 p.m., and by appointment.
Class website: http://www.math.utah.edu/~karin/math1280s07.html
Text: Calculus with Differential Equations
Varberg, D., Purcell, E., & Rigdon, S.
2007 Pearson Prentice Hall
Ninth Edition

Course Objectives: In this course, we will cover the following topics: vectors in the plane and in 3-space, differential calculus in several variables, integration and its applications in several variables, vector fields, and line, surface and volume integrals, as well as Green’s and Stokes’ Theorems.

Grading: Your grade will be based on bi-weekly homework assignments, 3 in-class exams and one comprehensive final exam. The percentages are as follows:

Homework: 25%
3 in-class exams: 50% (20% x 2, 10% x 1)
Final Exam: 25%

Homework problems will be assigned during every lecture and posted on the class website. Each weekly homework assignment will vary from 20-40 questions. Only part of each assignment will be graded and those questions will be chosen at random. Homework is due by 5:00 p.m. every other Friday (beginning January 19th and ending April 27th). Late homework submissions will not be accepted, however, the lowest of the 8 homework grades will be dropped. Exams will be held on Fridays between homework due dates and will cover material from the previous two homework assignments. Exam dates will be as follows:

Exam 1: February 9th
Exam 2: March 9th
Exam 3: April 6th
Final Exam: Monday, April 30th
1:00 - 3:00 p.m. LCB 219
**Make-Up Exams** Make-up exams will only be given in extenuating circumstances, and only if I am notified before the testing date. These make-up exams will generally be harder than the in-class exam, so it is advised to only schedule a make-up exam as a last resort.

**Some important dates:**

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Note</th>
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<tbody>
<tr>
<td>Last day to drop:</td>
<td>Wednesday, January 17th</td>
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<td>Last day to add:</td>
<td>Monday, January 22nd</td>
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<td>Last day to withdraw:</td>
<td>Friday, February 2nd</td>
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<td>Martin Luther King Jr. Day:</td>
<td>Monday, January 15th NO CLASS</td>
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<td>President’s Day:</td>
<td>Monday February 19th NO CLASS</td>
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<td>Spring Break:</td>
<td>March 19th-24th NO CLASSES</td>
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**Americans with disabilities act (ADA):** The University of Utah seeks to provide equal access to its programs, services and activities for people with disabilities. If you will need accommodations in the class, reasonable prior notice needs to be given to the Center for Disability Services, 162 Union Building, 581-5020 (V/TDD). CDS will work with you and the instructor to make arrangements for accommodations.

**A few extra comments:** The following is a list of the responsibilities I believe a student in this class has:

- I will not take roll. You are adults and are responsible for showing up to class.

- While you are in class, you are responsible for being a respectful student and classmate. Turn off your phones. Be here and be present...you signed up for the class - why not learn something while you are here.

- Practice, practice, practice. Math should be practiced, just as a language or musical instrument. I am here to introduce the subject matter and help you understand it, but a huge part of learning happens while doing homework on one’s own time.

- I will try to create the best learning environment I can, but you are responsible for letting me know when you need help. Ask questions in class or come talk to me.