Differential Equations and Linear Algebra

Tentative Due Dates and Lectures Spring 2012

2250-1 7:30am in JTB 140



Homework package week 14, 9 problems

Week 9, Mar 5 to 9. Lecture 10.1, 10.2, 10.3, 10.4

 20 Apr, Page 404, 7.1: 8, 20
 25 Apr, Page 554, 9.3: 8, 9, 10

 20 Apr, Page 417, 7.2: 12, 14
 20 Apr, Page 429, 7.3: 8, 20, 30

 20 Apr, Page 429, 7.3: 8, 20, 30
 Chapter 8 and 9 Review Problems [Do not submit].

 20 Apr, Page 438, 7.4: 6, 24
 Chapter 8 and 9 Review Problems [Do not submit].

 20 apr, Page 383, 6.2: 5, 7, 9, 13, 15, 19, 23, 25, 27, 29, 33, 35, 39;
 9.3-7, 8, 11; 9.4-1, 3, 13;

 Page 304, 7.1: 7, 11, 15, 17, 24, 26; Page 417, 7.2: 3, 7, 13, 23;
 9.3-7, 8, 11; 9.4-1, 3, 13;

 Page 429, 7.3: 7, 11, 21, 29, 31, 39, 43, 45, 49;
 25 Apr, Office hours and lectures finished.

 When counting submitted work, account for ER-1
 Homework Packages week 2-15 [126]. If you miss

 Page 422, 7.4: 3, 9, 13, 17, 21;
 Se the online final exam study guide.

 21 Apr, Saturday: Special Final Exam review, 2pm, LCB 219
 Se the online final exam study guide.

Week 15, Apr 23,24,25. Lecture 9.4, Final Review.

Homework package week 15, 14 problems 25 Apr, Page 492, 8.1: 4, 12, 38 25 Apr, Page 502, 8.2: 4, 19 25 Apr, Page 527, 9.1: 4, 8, 18 25 Apr, Page 541, 9.2: 2, 12, 22 Chapter 8: 8.1-3,11,35; 8.2-3,15,21;
Chapter 9: 9.1-3,7,17; 9.2-5,7,9,13,17,19,23,29; 9.3-7,8,11; 9.4-1,3,13;
25 Apr, Office hours and lectures finished. When counting submitted work, account for ER-1,2 [2], Maple [25], Homework Packages week 2-15 [126]. If you missed anything, then submit Extra Credit from the 30 April package below.
27 Apr, Final Exam at 8am until 10am in JTB 140
See the online final exam study guide.
30 Apr, Semester Extra Credit due under the door 113JWB by 6pm. Page 570, 9.4: 4, 8 Xcredit Ch7, Ch8, Ch9, Ch10, Ch10X Xcredit maple 8,9,10.
Deliver under the door 113 Jwb by 6pm. Extra credit Ch1 to Ch6 finished on 13 April. Work not submitted by that deadline has no grader, and it won't be graded.

End of Semester Deadlines

Exam Period, 27 Apr to 4 May Final exam for the 7:30am class is Fri April 27, 2012 at 8am.

Extra Credit: Under the door, 113jwb.
30 Apr, Ch9, 9.4: 4, 8. Two problems.
30 Apr, Ch7 Extra Credit. About 9 problems on the ch7 extra credit page.
30 Apr, Ch8 Extra Credit. About 5 problems on the ch8 extra credit page.
30 Apr, Ch9 Extra Credit. About 11 problems on the ch9 extra credit page.
30 Apr, Ch10X Extra Credit. At least 10 challenging Laplace problems appear on the ch10X extra credit page.
30 Apr, Maple Optional Lab 8: Earthquake L8.1, L8.2, L8.3, L8.4, L8.5
30 Apr, Maple Optional Lab 9: Tacoma Narrows L9.1, L9.2
30 Apr, Maple Optional Lab 10: Brine/Glucose L10.1, L10.2, L10.3, L10.4
Extra credit records locked at 6pm on 30 Apr. Ch7, Ch8, Ch9, Ch10X and maple 8,9,10 credits apply to the semester dailies total.

Policies on Dailies and Exams

Policy on Dailies: The highest 146 dailies will be counted. The lowest 7 of the 153 dailies will be dropped. Any record with less than 60 dailies earns a grade of **E**, regardless of midterm and final exam scores. Deadlines set at web site www.math.utah.edu/~gustafso/. Work not in the stack sent to the assistant earns a grade of zero. Extra credit exercises can correct these zeros.

Policy on Exams: The final exam is doubled before determining the exam average, to count like two midterms. The effect can be imagined as five midterm scores, averaged to obtain the semester exam score average.

Policy on Rank-in-Class: The class ranking is determined only by the exams. Rank 1 is the best, determined by sorting on the exam average (mid1+mid2+mid3+final+final)/5. There is no influence on class standing from dailies.

Dailies and Letter Grade: The dailies affect only the final letter grade assigned. A grade of E is assigned for less than 60 dailies. Otherwise, dailies contribute 30% towards the letter grade. In extreme cases, the influence is \pm one letter grade, e.g., B- on exams changes from C- to A-.

Grading Scale: The internally-used scale is uses GPA increments, which step 1/3 from 0.0 = E to 4.0 = A. Briefly, A = 95, B = 82, C = 67, D = 52. In detail:

A = 95-100, A- = 90-94, B+ = 85-89, B = 80-84, B- = 75-79, C+ = 70-74, C = 65-69, C- = 60-64, D+ = 55-59, D = 50-54, D- = 45-49, E = 0-44.