

Differential Equations and Linear Algebra 2250

Grade Sheet with Due Dates and Lectures Fall 2009

Midterm 1 [01 Oct]	Av1=	<input type="checkbox"/>
Midterm 2 [05 Nov]	Av2=	<input type="checkbox"/>
Midterm 3 [03 Dec]	Av3=	<input type="checkbox"/>
Final Exam [Dec 15,17]	AvFin=	<input type="checkbox"/>
Average of dailies including maple labs:	AvDaily=	<input type="checkbox"/>
Final Grade:	$\frac{70}{100} \left(\frac{Av1+Av2+Av3+AvFin+AvFin}{5} \right) + \frac{30}{100} AvDaily =$	<input type="checkbox"/>

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Tentative Due Dates and Lectures 2250 Fall 2009

Dailies for 7:30am are collected as indicated.
Dailies for 12:25pm are collected twice weekly in two packages: Package 1 is Friday+Monday and Package 2 is Tuesday+Wednesday, as marked below.

Week 1, Aug 24 to 28

Lecture 1.1, 1.2, 1.3, 1.4.

24 Aug, Intro, GB Gustafson, nothing due.

25 Aug, Nothing due. Begin maple lab 1.

26 Aug, Page 16, 1.2: 2

27 Aug, Intro, Thu. assistants Fusi and Richins.

28 Aug, Page 16, 1.2: 4 , 6 , 10

Week 2, Aug 31, Sep 1-4

Lecture 1.5, 2.1, 2.2.

31 Aug, Page 26, 1.3: 8

01 Sep, Page 26, 1.3: 14

02 Sep, Page 41, 1.4: 6 , 12

03 Sep, Exam 1 review, problem 1.
Review, drill, Q&A ch1.

04 Sep, Nothing due.

03-04 Sep, First maple special intro, Week 2 in LCB115.

Week 3, Sep 08 to 11

Lecture 2.3, 2.4, 2.5, 2.6.

07 Sep, Holiday no classes

08 Sep, Page 41, 1.4: 18 , 22 , 26

09 Sep, Page 54, 1.5: 8 , 18

Repeat maple intro, LCB115.

10 Sep, Exam 1 review problems 2,3.

10 Sep, Discuss L2.1. Review, drill, Q&A ch1.

11 Sep, Page 54, 1.5: 20 , 34

Week 4, Sep 14 to 18

Lecture 3.1, 3.2, 3.3.

14 Sep, Page 86, 2.1: 8 , 16

15 Sep, Page 96, 2.2: 10 , 14

16 Sep, Submit Maple lab 1:

L1.1 , L1.2 , L1.3 , L1.4

17 Sep, Exam 1 review problems 4,5.

17 Sep, Discuss L2.2. Discuss exam review problems ER1, ER2 [same as L3.1 and L4.1].

18 Sep, Page 106, 2.3: 10 , 20

Week 5, Sep 21 to 25

Lecture 3.4, 3.5, 3.6.

21 Sep, Page 152, 3.1: 6 , 16 ,

26

22 Sep, Page 162, 3.2: 10 , 14 ,

24

23 Sep, Page 170, 3.3: 10 , 20

24 Sep, Exam 1 review, problems 4,5.

24 Sep, Discuss L2.3.

25 Sep, submit special exam 1 review problems ER1 , ER2 [Same as L3.1 , L4.1

Week 6, Sep 28-30, Oct 1,2

Lecture 4.1, 4.2, 4.3.

28 Sep, submit maple L2.1
29 Sep, Page 182, 3.4: 20 , 30 ,
34 , 40
30 Sep, Nothing due. Catch-up day.
01 Oct, Midterm 1, Five problems ch1 and ch2
02 Oct, Page 194, 3.5: 16 , 26 ,
44

Week 7, Oct 5 to 9

Lecture 4.4, 4.5, 4.6, 4.7.

05 Oct, Page 212, 3.6: 6 , 20 ,
32 , 40 , 60
06 Oct, submit maple lab 2 remainder:
L2.2 , L2.3 , L2.4
07 Oct, Page 233, 4.1: 16 , 20 ,
32
08 Oct, Exam 2 review, problems 1,2.
08 Oct, Discuss maple L3.2, L3.3, L3.4.
09 Oct, Nothing due.

Fall Break: Oct 10 to 18

Happy Holiday!

10-18 Oct, Traveling? Substantial amounts of dailies and maple projects are due after the break.

Week 8, Oct 19 to 23

Lecture 5.1, 5.2, 5.3, 5.4.

19 Oct, Nothing due.
20 Oct, Page 240, 4.2: 4 , 18 ,
28
21 Oct, Page 248, 4.3: 18 , 24
22 Oct, Exam 2 review problems 3,4
22 Oct, Discuss maple L4.2, L4.3, L4.4.
23 Oct, Page 255, 4.4: 6 , 24

Week 9, Oct 26 to 30

Lecture 5.5, 10.1, 10.2, 10.3

26 Oct, Submit maple lab3 remainder:
L3.2 , L3.3 , L3.4
27 Oct, Page 278, 4.7: 10 , 20 ,
26
28 Oct, Page 294, 5.1:
34 , 36 , 38 , 40 ,
42 , 46 , 48
29 Oct, Exam review continued.
30 Oct, Page 306, 5.2: 18 , 22

Week 10, Nov 2 to 6

Lecture 10.4, 10.5, EPbvp7.6, 5.5

02 Nov, Page 319, 5.3: 8 , 10 ,
16 , 32
03 Nov, Page 576, 10.1: 18 , 28
04 Nov, Nothing due. Catch-up day.
05 Nov, Midterm 2, Five problems ch3, ch4,
ch5.1-5.3

Week 11, Nov 9 to 13

Lecture 5.5, 5.6, EPbvp3.7, 6.1

09 Nov, Submit maple L4 (L4.1 was 25 Sep):
L4.2 , L4.3 , L4.4
10 Nov, Page 588, 10.2: 10 , 16 ,
24
11 Nov, Page 597, 10.3: 6 , 18
12 Nov, Exam 3 review. Discuss maple lab5.
13 Nov, Page 606, 10.4: 22
13 Nov, Page 331, 5.4: 20 , 34

Week 12, Nov 16 to 20

Lecture 6.2, 7.1, 7.2, 7.3.

16 Nov, Page 346, 5.5: 54 , 58 ,
6 , 12 , 22
17 Nov, Submit maple lab5:
L5.1 , L5.2 , L5.3
18 Nov, Page 616, 10.5: 4 , 22 , 28

19 Nov, Exam 3 review. Discuss maple lab6
20 Nov, Page 510 in EPbvp 7.6: 8 , 22

20 Nov, Submit maple lab7:
L7.1 , L7.2 , L7.3 , 7.4

Week 13, Nov 23,24,25

Lecture 7.4, 7.5 /w Laplace, 8.1, 8.2.

23 Nov, Page 357, 5.6: 4 , 8 ,
18

24 Nov, Page 227 in EPbvp 3.7: 4 , 12

25 Nov, Page 370, 6.1: 12 , 20 ,
32 , 36

25 Nov, Page 379, 6.2: 6 , 18 ,
28

Week 14, Nov 30, Dec 1 to 4

Lecture 9.1, 9.2, 9.3.

30 Nov, Page 400, 7.1: 8 , 20

30 Nov, Page 413, 7.2: 12 , 14

01 Dec, Page 425, 7.3: 8 , 20 ,
30

01 Dec, Page 438, 7.4: 6 , 24

02 Dec, Submit maple lab6:

L6.1 , L6.2 , L6.3

03 Dec, Midterm 3, Five problems ch5, ch10,
ch6

04 Dec, 8.1: 4 , 12 , 38

Week 15, Dec 7 to 11

Lecture 9.4, Review.

Policy on Dailies: The highest 150 dailies will be counted. The lowest 7 of the 157 dailies will be dropped. Any record with less than 70 daily and lab scores 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.

Grading Scale: $A = 95-100$, $A- = 92-94$, $B+ = 88-91$, $B = 84-87$, $B- = 80-83$, $C+ = 75-79$, $C = 65-74$, $C- = 60-64$.

07 Dec, 8.2: 4 , 19

08 Dec, 9.1: 4 , 8 , 18

09 Dec, 9.2: 2 , 12 , 22

10 Dec, Final Exam review

11 Dec, 9.3: 8 , 9 , 10

11 Dec, 9.4: 4 , 8

11 Dec, Office hours and lectures finished.

12 Dec, Saturday Extra Final Exam review,
2pm, LCB 219

14 Dec, Extra credit Ch9 and maple due.

Deliver under the door 113jwb by 6pm.

Dec 14 to 18, Final Exam period.

See the online final exam study guide.

Exam Period, Dec 14 to 18

Final exam for the 7:30am class is Tue, Dec
15, 2009 from 7:30am to 10am [WEB 103].

Final exam for the 12:25pm class is Thu Dec
17, 2009, 10:15am to 12:40pm [JWB 335].

Extra Credit: Under the door, 113jwb.

14 Dec, Ch9 Extra Credit. About 10
problems appear on the ch9 extra credit
page.

14 Dec, Maple Makeup Lab 8:

Earthquake L8.1 , L8.2 , L8.3 ,
L8.4 , L8.5

14 Dec, Maple Makeup Lab 9:

Tacoma Narrows L9.1 , L9.2

Extra credit records locked at 6pm on 14

December. Ch9 and maple 8,9 credits apply
to the semester dailies total, not just ch9.