

Differential Equations and Linear Algebra

Math 2250 Fall Semester 2005

Name: _____

Class time: _____

email: _____

Telephone: _____

Midterm 1 [Sep 26]

Av= , Scores _____

Midterm 2 [Oct 24]

Av= , Scores _____

Midterm 3 [Nov 28]

Av= , Scores _____

Final [Dec 13,14]

Av= , Scores _____

Average of Midterms and Final: $AV_1 =$

Average of daily work and maple labs: $AV_2 =$

Final Grade: $\frac{70}{100}AV_1 + \frac{30}{100}AV_2 =$

Questions: 581-6879, Office: 113 JWB. Or send email.

Chapter 1 (17 boxes)

26 Aug Page 16, 1.2: 2
 29 Aug Page 16, 1.2: 6 , 8 ,
 10

02 Sep Page 26, 1.3: 10 , 16
 07 Sep Page 41, 1.4: 6 , 10 ,
 16 , 18 , 24

09 Sep Maple Lab 1a: Intro maple
 1.1 , 1.2
 12 Sep Page 54, 1.5: 10 , 16 ,
 24 , 36

Chapter 2 (10 boxes)

14 Sep Page 86, 2.1: 6 , 16
 16 Sep Page 96, 2.2: 10 , 18
 19 Sep Page 106, 2.3: 20 , 22
 21 Sep Maple Lab 1b: Newton Cooling
 1.3 , 1.4 , 1.5 , 1.6

Chapter 3 (6 boxes)

23 Sep Page 152, 3.1: 8 , 18 ,
 28

26 Sep : Exam 1

28 Sep Page 162, 3.2: 10 , 16 ,
 26

Chapter 2 (12 boxes)

30 Sep Page 119, 2.4: 10 , 10 ,
 12 , 12
 30 Sep Page 129, 2.5: 10 , 10 ,
 12 , 12
 30 Sep Page 139, 2.6: 10 , 10 ,
 12 , 12

Chapter 3 (14 boxes)

03 Oct Page 170, 3.3: 12 , 18
 05 Oct Page 182, 3.4: 22 , 26 ,
 38 , 40
 06,07 Oct: Holiday
 10 Oct Page 194, 3.5: 18 , 28 ,
 34
 12 Oct Page 212, 3.6: 6 , 18 ,
 30 , 38 , 60

Chapter 4 (21 boxes)14 Oct Page 233, 4.1: 18 , 24 ,
32 17 Oct Page 240, 4.2: 6 , 16 ,
24

19 Oct Maple Lab 2a: Matrix Algebra

2.1 , 2.2 , 2.3 21 Oct Page 248, 4.3: 20 , 24

24 Oct: Exam 2

26 Oct Page 255, 4.4: 8 , 22 28 Oct Page 263, 4.5: 10 , 22 ,
26 31 Oct Page 271, 4.6: 4 , 18 ,02 Nov Page 278, 4.7: 10 , 22 ,24 **Chapter 5** (25 boxes)04 Nov Page 294, 5.1: 34 , 38 ,
40 , 42 , 44 , 48 04 Nov Page 306, 5.2: 16 , 24 07 Nov Page 319, 5.3: 4 , 8 ,10 , 30

09 Nov Maple Lab 2b: Mechanical

Oscillations

2.4 , 2.5 , 2.6 11 Nov Page 331, 5.4: 18 , 34 14 Nov Page 346, 5.5: 2 , 10 ,22 , 52 , 60 ,16 Nov Page 357, 5.6: 2 , 10 16 **Chapter 6** (6 boxes)18 Nov Page 370, 6.1: 10 , 22 ,
32 18 Nov Page 379, 6.2: 8 , 20 ,
26 **Chapter 7** (8 boxes)21 Nov Page 400, 7.1: 10 , 18 23 Nov Page 413, 7.2: 8 , 16

28 Nov: Exam 3

30 Nov Page 425, 7.3: 6 , 18 ,
28 30 Nov Page 438, 7.4: 4 **Chapter 10** (10 boxes)02 Dec Page 576, 10.1: 16 , 18 ,
30 05 Dec Page 588, 10.2: 10 , 12 ,
20 05 Dec Page 597, 10.3: 6 , 14 ,
20 , 38 **Chapter 7** (7 boxes)

07 Dec Maple Lab 3a: Tacoma Narrows

3.1 , 3.2 , 3.3

07 Dec Maple Lab 3b: Earthquake

3.4 , 3.5 , 3.6 07 Dec Page 606, 10.4: 20

13 Dec: Final exam, 10:45 class, 10:30-12:30

14 Dec: Final exam, 7:30 class, 8:00-10:00

Policy on Dailies: The highest 128 boxes will be counted. The lowest 8 of the 136 boxes will be dropped. Any record with less than 75 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 is late and it earns a grade of zero. **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.