

STT 351 Final Exams**Version 12-4-07**

No book ,electronics, notes may be used or in view.

Format: **Expect around 35 shorter questions.** Written responses will be required and (as usual) answers given without substantiation will be scored incorrect. In addition to submitting your written work you will be transferring portions of your answers to a machine scored bubble sheet. **Bring a soft pencil with eraser for this.** BOTH PAPERS MUST BE TURNED IN BEFORE LEAVING.

Exam Schedule:

STT 351-001 Final Exam: Thursday, December 13, 10am-12noon

STT 351-002 Final Exam: Friday, December 14, 10am-12noon

Course Grades:

Scales: For raw scores refer to your Angel score report.

Exam 1: Exam 1a and the makeup 1b are each graded
grade = 0.4 raw score (not to exceed 4.5).

Your overall grade for exam 1 will be the larger of your grade on 1a and the average of your grades on 1a and 1b.

Exam 2: Exam 2 is graded

$$\text{grade} = (\text{raw score} + \text{bonus} - 2) / 3.$$

Exam 2 bonus points (up to 1.5) are calculated as the total of columns AINC1 and AINC2 in your Angel score report.

Final Exam: The scale for converting your final exam raw score into a final exam grade is

$$\text{grade} = \text{raw score times } 4 / 26 \text{ (no cap)}$$

Attendance has been rewarded by in-class activities which provided points directly added to your scores on the exams, including the final exam.

Homework: Homework is graded

$$\text{grade} = (\text{total of all points for hw 1 through hw 8}) / 15$$

not to exceed 4.5.

Overall Scale: As outlined in the syllabus, the relative weights for determining your course grade are

30% Homework

20% Exams 1

20% Exam 2

30% Final exam.

I will figure your course grade according to the LARGER of the above percentages or the following percentages more heavily weighted towards the final exam (this will be done automatically when all scores are in)

30% Homework

15% Exams 1

15% Exam 2

40% Final exam.

The possibility of such an alternate scale was mentioned in the syllabus.

Calculating your grade: The *Mathematica* function "grade" accepts raw scores and returns a decimal course grade. To earn a given grade in the scale 2.0, 2.5, etc you must have a decimal grade greater than 1.95, 2.45, etc. Here is an example. You can confirm it by hand calculation.

The IN-CLASS 11-16 score has been added as a bonus to the final exam raw score.

HW1/18	9
HW2/18	14
Midterm1/14	9
HW3/3	3
AINC1	1
AINC2	0.5
HW4	7
Mid1(MU)/14	11
HW5/10	8
HW6/4	4
Exam2/18	12
INCLASS 11-16	0.5
HW7/8	7
HW8/6	6
finalexam	17

The course grade is calculated

```
grade[9, 14, 9, 3, 1, 0.5, 7, 11, 8, 4, 12, 0.5, 7, 6, 17]  
3.56769
```

Caution: There may have to be some corrections made to this Mathematica implementation. Report any problems as they are discovered. You will be kept informed.