

# Course Information

Math 1351–04

Spring 2003

Instructor: Prof. Lance Drager

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**Instructor:** Prof. Lance D. Drager. Office: Math 236. Office Phone: 742–2580 Ext.242. If you let the office phone ring long enough, you’ll get me or a voice mail system you can leave a message on. My e-mail address is: [drager@math.ttu.edu](mailto:drager@math.ttu.edu). From time to time I will post class materials on my website, which is <http://www.math.ttu.edu/~drager>.

**Office Hours:** Office Hours: MWF 11:00–Noon. I am often in my office at other times. You can come by outside of formal office hours; I’ll usually have time to talk to you. Please feel free to come by if you need help.

**Other Sources of Help:** The Department of Mathematics and Statistics runs a help session called the “Missouri Club,” which is available for this class. See the notice posted at the Department office for time and place.

We are signed up for the Supplemental Instruction program, check with me for the times.

The Department Office has a list of people who offer tutoring for pay. The PASS Center has many resources for helping students. Forming informal study groups with other students can be very helpful.

**Text:** The textbook is Strauss, Bradley and Smith, **Calculus**, 3rd Edition, Prentice Hall, 2002, ISBN 0-13-092010-X.

**Calculator:** The course will make use of graphing calculators, so you are required to have one. We will discuss the TI-86 calculator in class. You may use another calculator with the same capabilities, but you have to figure out how to use it (I can help outside class).

|                         | Raw (x)   | Rescaled (y) |  |
|-------------------------|-----------|--------------|--|
| A                       | 95        | 96           | $y = \frac{100 - 90}{100 - 86}(x - 86) + 90$ |
|                         | 92        | 94           |  |
|                         | <b>86</b> | 90           |  |
| B                       | 83        | 86           | $y = \frac{90 - 80}{86 - 78}(x - 78) + 80$   |
|                         | 82        | 85           |  |
|                         | <b>78</b> | 80           |  |
| C                       | 75        | 76           | $y = \frac{80 - 70}{78 - 70}(x - 70) + 70$   |
|                         | 73        | 74           |  |
|                         | 72        | 73           |  |
| (cut off at <b>70</b> ) |           |              |  |
| D                       | 66        | 67           | $y = \frac{70 - 60}{70 - 55}(x - 55) + 60$   |
|                         | 64        | 66           |  |
|                         | 61        | 64           |  |
|                         | 58        | 62           |  |
| F                       | <b>55</b> | 60           | $y = \frac{60}{55}x$                         |
|                         | 50        | 48           |  |
|                         | 48        | 52           |  |
|                         | 47        | 45           |  |
|                         | 40        | 44           |  |

Table 1: Grade rescaling

**Grading:** The grading will be based on the following.

1. Written Homework Assignments and/or in-class quizzes.
2. 3 in-class (full period) exams.
3. The Final Exam (Departmental).

Exams will be announced well in advance. Quizzes will take only part of the class period and will be announced at least one class in advance. The in-class exams and the final exam will all be equally weighted. I will drop the lowest of the four exams (hence, the grade on the final could be drooped) **provided** you get a grade of at least 35% on the final. If you don't take the final, or get a very low grade on the final, then the final will **not** be dropped.

The Homework assignments and quizzes will count for 15% of the final grade, and the exams will count for 85%.

For each exam or assignment, I (or the TA) will determine a grade range for the A's, B's, C's, D's and F's. I will then linearly resale the grades in the A range to the interval [90, 100], the grades in the B range will be rescaled to the interval [80, 89], and so forth.

At the end of the course, I will simply average the grades and assign letter grades with cutoffs 90% for A, 80% for B, 70% for C and 60% for D; I might lower these a little, but not much. Thus, with this system, you can determine your standing at any time.

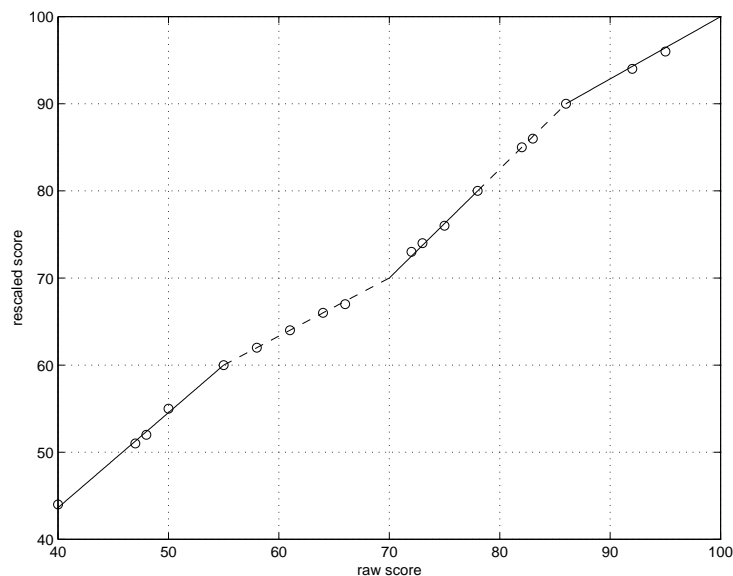


Figure 1: Graph of the grade rescaling function

For example, consider a hypothetical exam with the raw scores as in Table 1. The grade ranges might hypothetically be chosen as indicated. The numerical scores would then be rescaled as indicated in the table, using the formulas on the right and then rounding to the nearest point. The grade rescaling function would be as graphed in Figure 1. (The idea is that a score that was, say, halfway between the B and C cutoffs should wind up halfway between 70 and 80. If you have any questions ask me. I'm just getting the details on record here.)

**Final Exam:** The final exam is on Monday, May 12, 10:30 a.m. to 1:00 p.m. The location will be announced in class (and posted at the Dept. of Math and Stats office) near the end of the semester. You will be required to hand in a blank bluebook, with your name on it, for the final during the last week of classes. It will be returned to you at the final. This is a departmental final; all classes of Math 1351 take the same exam at the same time.

**Class Attendance:** I will not count attendance toward the grade. Remember that many studies show that skipping class leads to lower grades.

Remember, you are responsible for all material covered in class and all announcements made in class. If you have to miss a class, you should check with me or a classmate to see what happened.

**Makeups:** If you miss an exam you can, at your option, take that as the exam score to be dropped. If you are absent from an exam and have a legitimate excuse, I will give a makeup exam.

**Identification:** You should be prepared to show your Texas Tech picture ID at any exam.

**Accommodations for Disabilities:** Any student who, because of a disability, may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make necessary accommodations. Students should present appropriate verification from Disabled Student Services, Dean of Students Office. No requirement exists that accommodations be made prior to completion of this approved University process.

**Religious Holy Days:** A student who is absent from classes for the observance of a religious holy day shall be allowed to take and examination of complete an assignment scheduled for that day within a reasonable time after the absence if, not later than the fifteenth day after the first day of the semester, the student had notified the instructor of each scheduled class that the student would be absent for a religious holy day.