1 Text

Garner, *Calculus*, Chapters 1-6. This text is a custom edition of the author’s manuscript and contains a few typographic and other errors. Corrections will be posted periodically at http://math.byu.edu/~lynng (click on the errata link).

2 Instructor

The instructor is Jason Grout, 300 TMCB, 422-3681, grout@math.byu.edu. Office hours will be held Tuesdays and Thursdays, 3pm-4pm. Other times are available by appointment.

The website address for this section is http://math.byu.edu/~grout/math112

A tentative schedule will be posted on the course website.

3 Pre-test

In order to be enrolled in Math 112 you must pass a pre-test on basic algebra skills. See the course website for preparatory material. The pretest is given in the Math Lab (159 TMCB) August 29 and September 2 from 9:00 AM to 4:00 PM and will be available in the Testing Center beginning the second day of classes. You are allowed 3 attempts to pass the exam. If you do not pass the pre-test with a score of 75% by Friday, September 12 you will be automatically dropped from the course. Any exceptions to this deadline must be approved by all members of the Calculus Committee; in that event, the passing score would be 90%.

4 Preparation Time

Adequately prepared students should expect to spend a minimum of three hours of work for each credit hour. This adds up to a minimum of 12 hours per week for Math 112. A minimal time commitment is likely to lead to an average grade of B-/C+ or lower. Much more time may be required to achieve excellence.

5 Coursework

5.1 Homework

Homework is due at the beginning of class two school days after it was assigned. For example, Monday’s assignment is due Wednesday, Thursday’s is due Monday, and Friday’s is due Tuesday. Late homework will not be accepted unless prior arrangements have been made.

The lowest three homework scores will not be figured into your final grade. This accommodates for minor illnesses or other disruptions to your regular schedule that might prevent you from turning an assignment in on time.

Your written solutions should contain enough explanation so that one of your classmates would be able to easily understand what you have done. Let me repeat that (in bold :). **Your written solutions should contain enough explanation so that one of your classmates would be able to easily understand what you have done.** Generally, it is inadequate to merely write down a final answer. The style of your written solutions should be very much like that of a text book example. You are strongly encouraged to study and work together on homework assignments. However, each of you must submit your own assignment. Everything you turn in should be in your own words and you should thoroughly understand...
stand everything you write down. It is important for you to solve each exercise. If you don’t think you understand something, come talk with me.

The principle of neatness will help you avoid common, careless mistakes that anyone can make, and will also help the grader correctly assess your solution. In submitting homework, use only standard letter-sized paper. Put your name at the top of each sheet, and staple all sheets together. Keep the problems in order, and label each problem with its number and page. Place only one problem in each horizontal visual space, and visually separate separate consecutive problems by drawing a line between them. Clearly mark your answers.

5.2 Quizzes

Quizzes will be given in class. These will be announced ahead of time, and will be averaged into the homework score.

6 Tests

There will be four tests throughout the semester. They will be announced in advance, and will be available in the testing center. Using calculators, books, or notes will not be allowed on the tests.

7 Final

The final will be held Tuesday, 16 Dec, 7–10PM.

A common final exam is given to all students in all sections of Math 112. This assists the Mathematics Department to fairly assess students’ knowledge of calculus and to assign grades fairly. The percentile ranking of each student relative to all students in all sections will be computed based on the final exam scores. Using this information the Calculus Committee will compute an average grade for each section. It is department policy that the average grade for each section should match its average grade on the common final exam. Thus, the better the whole section performs on the final, the more flexibility I will have to give you a higher grade. Using calculators, books, or notes will not be allowed during the final exam.

8 Grading

The grading percentages are summarized below.

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework/Quizzes</td>
<td>25%</td>
</tr>
<tr>
<td>Tests</td>
<td>50%</td>
</tr>
<tr>
<td>Final</td>
<td>25%</td>
</tr>
</tbody>
</table>

9 Math Lab

The math lab is one of your most valuable out-of-class resources. It is located in 159 TMCB. The hours are Monday, 8am-4pm; Tuesday, Wednesday, and Thursday, 8am-10pm; Friday 8am-5pm; and Saturday, 9am-1pm. When you go, it is often helpful to find another student working on the same assignment, from our section or another section, and work with them.

10 University Policies

10.1 Honor Code

All students are expected to adhere to the honor code, including dress and grooming standards. You are expected to completely honest in all your dealings. The Honor Code website at http://campuslife.byu.edu/honorcode/ provides details of what the honor code entails.

10.2 Preventing Sexual Harassment

BYU’s policy against sexual harassment extends not only to employees of the university, but to students as well. If you encounter sexual harassment, gender-based discrimination, or other inappropriate behavior, please talk to your professor, contact the Equal Employment Office at 422-5895, or contact the Honor Code Office at 422-2847.

10.3 Students with Disabilities

BYU is committed to providing reasonable accommodation to qualified persons with disabilities. If you have any disability that may adversely affect your success in this course, please contact the Services for Students with Disabilities Office at 422-2767. Services deemed appropriate will be coordinated with the student and instructor by that office.