1. Text


2. Instructor

The instructor is Jason Grout, 300 TMCB, 422-3681, grout@math.byu.edu. Office hours will be Wed 12–12:50pm in the Math Lab and Mon 12-12:50pm and Thur 11–11:50am in my office. Other times are available by appointment.

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

A tentative schedule will be posted on the course website.

Class announcements are often sent out via email. It is your responsibility to make sure that I have your current email address and that you are able to receive messages daily. Failure to do so could prevent you from receiving important information for which you will be accountable.

3. Pre-test

Successful completion of Math 112 requires a solid background in College Algebra and Trigonometry. The mathematics department has created a pretest that covers these topics. A review for the pretest is at [http://math.byu.edu/Exams/indexCalculus.html](http://math.byu.edu/Exams/indexCalculus.html). The pretest is available online at [http://math.byu.edu/pretest](http://math.byu.edu/pretest) until September 12. You must take this test and are allowed two chances to pass. If you receive less than 75%, please come talk with me.

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 will generally be due at the beginning of class two days after it is assigned. Late homework will not be accepted unless prior arrangements have been made with the instructor. You are strongly encouraged to work on homework the day we cover it in class so that questions may be addressed the next day.

*Your 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. You are encouraged to study and work together on homework assignments, but you must submit your own assignment. Everything you turn in should be in your own words and you should thoroughly understand everything you write down.

The principle of neatness will help you avoid common, careless mistakes that anyone can make. Staple all sheets together. Keep the problems in order and visually separate problems. Clearly mark your final answers.

Homework will be graded on completion. Two points will be given for completing all the problems and one point will be given for completing at least half the problems. Because a large part of your learning will come from working problems, I strongly encourage you to finish all homework assignments. I will provide solutions to the homework on the website.

5.2. Writing Assignments. I will occasionally give writing assignments to help enhance your understanding and ability to communicate mathematics. Your responses should be well written in paragraph form. Each assignment will be worth four points. They may be turned one day late, but two points will be deducted from their grade.
5.3. **Quizzes.** Quizzes will be given periodically in class. Only correct solutions will receive credit. An incorrect solution may be redone for partial credit. I will drop your two lowest quiz scores when computing your final grade.

When redoing a problem:

1. You have two class days to resubmit your work.
2. Use a clean sheet of paper with the original stapled in back. Label each problem.
3. Before reworking a problem, describe (in paragraph form) the errors you made.
4. You may **not** consult with any person other than your instructor, but you may use your book.
5. If your solution is still incorrect, you may resubmit the work within another two days.

6. **Exams**

There will be five exams throughout the semester. Using calculators, books, or notes will not be allowed. The best preparation for these exams will be participation in class and studying the homework, quizzes, and writing assignments.

7. **Final**

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**

Final grades will depend on our section’s average on the final. The grading percentages are summarized below.

- Homework 10%
- Writing Assignments 10%
- Quizzes 10%
- Midterm exams 45%
- Final exam 25%

9. **Math Lab**

The math lab is one of your most valuable out-of-class resources. It is located in 159 TMCB. 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 be completely honest in all your dealings. The Honor Code website at [http://campuslife.byu.edu/honorcode/](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.