1. Instructor and Text

The instructor is Jason Grout, 300 TMCB, 422-3681, grout@math.byu.edu. Office hours will be Wednesday and Friday 4–5pm in the Math Lab and Tuesday 2–3pm in my office. Other times are available by appointment.

The website address for this section is http://math.byu.edu/~grout/math119

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.

The text for the course is: Lial, Greenwell, Ritchey, Calculus with Applications (Eighth Edition).

2. 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 119. 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.

3. Coursework

3.1. Reading Quizzes. You are expected to read sections in the book before they are covered in class. Prior to a section being covered in class, a reading assignment will be given. Before the class in which the material is covered, you are to take an online, closed-book reading quiz, accessible via the course website. The quiz is designed to be straightforward if you have completed the assigned reading.

3.2. Homework. Homework will generally be due at the beginning of class two class 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 based on completion. Answers to most odd problems are in the back of the book. Solution guides are also available. Because a large part of your learning will come from working problems, I strongly encourage you to finish all homework assignments.

3.2.1. Assignment parts. The "Exercises" part of homework lists problems you need to do for the assignment (see Section 3.2.2 about starred problems, though). The "Applications" part of the assignment deals with problems in the Applications section in the text. An applications assignment of "4 total, 1 from each area" means you should do 4 problems total from the Applications section of the text, but you must do at least one from each area (e.g., business and economics, life sciences, etc.). If a problem listed under "Exercises" is in the applications section of your text, you may count it in the total for the "Applications" part of the assignment.

3.2.2. Starred problems. Many computational problems in a math class are designed to build skill and speed, but can become drudgery if you have already mastered the skills. To address this, we will have starred problem groups. A "★★★" behind a parenthesized group of problems means that you only need to do enough problems in the group to be confident you know how to do them (i.e., you could correctly and quickly do any problem in the
group if asked). If you decide to skip problems in the group, you must write in your homework assignment that you know how to do the problems in the group. For example, if the assignment includes “(1–5)∗”, and you are confident you can do any problem in that group (or any like them) after you have done problems 1–3, then you may skip problems 4 and 5 if you write in your assignment something like “I know how to do these problems.” Be careful to not be over-confident. Always do at least several problems in the group (especially one or two near the end) to check your understanding.

3.3. 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.

3.4. Quizzes. Quizzes will be given periodically in class. Only correct solutions will receive credit. An incorrect solution may be redone for partial credit. When redoing a problem:

(1) You have two weeks from the time I hand back a quiz to submit corrections for the quiz.
(2) Use a clean sheet of paper with your original quiz stapled behind your correction. 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.

4. Tests and Final Exam

There will be five tests throughout the semester. Calculators, books, or notes will not be allowed while taking the tests.

The final exam will be comprehensive. You may not use calculators, books, or notes on the final.

You have the option of replacing one of your test grades with your final exam grade. In order to do this, you must:

(1) Have a homework average of at least 75%;
(2) Fully correct every quiz problem on time;
(3) On every test, correct every problem for which you didn’t receive full credit;
(4) Complete an extra set of assigned problems covering material on the exam you want to replace.

5. Grading

The grading percentages are summarized below.

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reading Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Writing Assignments</td>
<td>5%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Tests</td>
<td>45%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>20%</td>
</tr>
</tbody>
</table>

6. Math Lab (159 TMCB)

The Math Lab (159 TMCB) is one of your most valuable out-of-class resources. When you go, it is often helpful to find another student working on the same assignment and work with them.

The Math Lab hours are generally Monday 8am–4pm, Tuesday through Thursday 8am–10pm (closed for devotionals), Friday 8am–5pm, and Saturday 9am–1pm. Exceptions to these hours should be posted at the Math Lab.

7. University Policies

7.1. 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.

7.2. 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.

7.3. 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 University Accessibility Center at 422-2767. Services deemed appropriate will be coordinated with the student and instructor by that office.