Office: JWB 331  
E-mail: preszler@math.utah.edu  
Website: http://www.math.utah.edu/~preszler/teaching/  
Phone: 801-581-5722  

Office Hours: My office hour for this term is tentatively:

Wednesday: 9:00 - 10:00 am  
If you are unable to use the above time, you may make an appointment to see me. I’ll also be available before class everyday.

Text: *Introductory Mathematical Analysis* by Haeussler, Paul, and Wood  
Additional Resources and Information:  
Tutoring: Math Tutoring Center (under the plaza between LCB and JWB), hours: 8:00 am - 8:00 pm Monday through Thursday and 8:00 am - 6:00 pm on Fridays starting the second week of classes.  
Math Library: 1st floor JWB (N side of President’s Circle)  
Math department website: http://www.math.utah.edu  
Calculators: Calculators are allowed in this course and can be used in class, on homework, and during tests. A graphing calculator is not required nor needed; a basic scientific calculator is plenty. The following three buttons will be essential for a calculator to have in this course, in addition to the basic arithmetical operations.  

[math]\begin{align*} e^x & \quad \log \quad \ln \end{align*}[/math]  

Also you may be asked to solve problems *without* a calculator on quizzes or tests.

If you have questions about whether your calculator is sufficient, please come see me. Additionally, PDA’s, handheld computers, or cell phones will *NOT* be allowed on tests. Furthermore, sharing calculators on quizzes or exams constitutes cheating and will result in a zero on the assignment.

Prerequisites/Course Content: Math 1010 is the prerequisite for Math 1090. This assumes a basic knowledge of algebra and geometry including: manipulating variable expressions, working with simple linear equations and their graphs, working with fractions and exponents, and knowing the basic properties of simple geometric shapes. An in class review of these topics will take place during the first week of class.  
The main topics of Math 1090 are:

- Review of basic algebraic ideas and techniques  
- Linear Equations and Functions  
- Polynomial Equations  
- Matrices  
- Inequalities and Linear Programming
- Exponential and Logarithmic Functions
- Financial Mathematics

Time permitting we may cover additional topics.

Homework/Quizzes/Exams: All assignments and due dates will be posted on the course website (www.math.utah.edu/~preszler/teaching/). **No late work will be accepted.**

Quizzes will be given in place of homework. These will be short (10-15 minutes), in-class quizzes given approximately 8 times during the semester. Quizzes will be announced at least two class sessions in advance. Your 3 lowest quiz scores will be dropped at the end of the semester, for this reason no make up quizzes will be given.

You will have three (3) exams throughout the year and a comprehensive final exam (not one of the other 3). Your lowest exam will be dropped, so only 2 will count toward your final grade. The structure and topics of each exam will be discussed prior to the examination date, but they will be held in class. There will be **no makeup exams** and alternate dates will only be arranged for participants in University sponsored activities that prevent those students from being in class, or students with disabilities falling under the ADA. Such students should inform me of the conflict ASAP (athletes and those with disabilities should inform me early in the semester).

**Exam Dates:** The dates of the exams are:

- Exam 1: Friday, February 10.
- Exam 2: Friday, March 10.
- Exam 3: Friday, April 21.
- **Final: Thur., May 4 3:30-5:30 PM**

**Course Grade:** The grading for this class is:

- Quizzes - 30%
- Exams (see dates, in class) - 45%
- Final (Departmental) (Thursday, May 4, 3:30 - 5:30 pm) - 25%

### Important Dates

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>Monday, January 12</td>
<td>Classes Start</td>
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<tr>
<td>Monday, January 16</td>
<td>MLK Day (No Classes)</td>
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<tr>
<td>Monday, February 20</td>
<td>President’s Day (No Classes)</td>
</tr>
<tr>
<td>Mon-Fri, March 13-17</td>
<td>Spring Break (No Classes)</td>
</tr>
<tr>
<td>Wednesday, April 26</td>
<td>Classes end</td>
</tr>
<tr>
<td>Thursday, May 4</td>
<td>Final Exam (3:30 - 5:30 pm) (25% of grade)</td>
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Nondiscrimination and Disability Access Statement: The University of Utah is fully committed to policies of nondiscrimination and equal opportunity, and vigorously pursues affirmative action in
all programs, activities, and employment with regard to race, color, national origin, sex, age, and status as a person with a disability. Religion, sexual orientation, and status as a disabled veteran or veteran of the Vietnam era also are protected under nondiscrimination and equal opportunity employment policies. The University seeks to provide equal access to its programs, services and activities for people with disabilities. Reasonable prior notice is needed to arrange accommodations. Students should call 801-581-5020 or 801-585-1813 (both are TDD). Evidence of practices not consistent with these policies should be reported to the Employee Relations/Dispute Resolution Office, 801-581-8365 (voice or TDD). If you require special accommodations under the ADA please inform me through official channels early in the semester.

Disclaimer: This syllabus has been created as a guide to the class and is as accurate as possible. However, all information is subject to change as class needs change. Any changes will be discussed during class sessions and documented in writing. A current syllabus will be posted on my website for the course.

Academic Integrity: Plagiarism, cheating and other forms of academic integrity violations are serious matters and will be dealt with according to University policies. Such violations could result in a grade of (E) for the course or dismissal from the University. If you have questions or concerns about what constitutes plagiarism or if you have properly cited external material, please come talk to me.