

The Instructor

Dr. Robb T. Koether

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The Class

The class meets in Bagby 106 at 9:30-10:20 MWF and at 1:30-2:20 on Tuesdays.

The text for the course is Calculus of a Single Variable, 9th ed., by Ron Larson and Bruce H. Edwards, ISBN 0-547-20998-3.

The web page for this course is at

<http://people.hsc.edu/faculty-staff/robbk/Math142>

Prerequisites

- Satisfactory grade in Calculus I.
- 4 or 5 on the AB Calculus AP Test.
- A willingness to work.

Grading

Homework will be assigned daily. There will be weekly quizzes, three tests, and a final exam. In the final average, these will have the following weights:

Category	Weight
Average of quizzes	30%
Average of the tests	50%
Final exam	20%

Homework

It is very important to keep up with the homework. As you do the homework, make an effort to memorize the formulas and the procedures. It is much easier and more effective to memorize a little at a time than a lot at once. What you learn on one homework assignment will be reinforced on later homework assignments.

When doing the homework, make full use of the available resources:

- The textbook
- Your calculator
- Fellow students
- Math tutors (in B 111, 8:00 - 11:00, Sun - Thu)
- The instructor

I strongly recommend that you do the homework as soon as possible after class, perhaps during the following period, while the day's lesson is still fresh. I am generally available until 5:00 pm each day. The tutors are generally available in Bagby 111 from 8:00 pm until 11:00 pm, Sunday through Thursday. Do not wait until all of your helpers are off duty to begin your assignments.

More importantly, do not put off doing the homework until the night before the quiz. You will not be able to learn that much material in one night and you will not have time to develop your problem-solving skills. Most importantly of all, do not put off doing the homework until the day before a test. By then it is too late to learn it.

At the beginning of each class meeting (except Tuesdays), I will spend up to 10 minutes working one or two homework problems in detail from previous assignments. You may request a problem that you would like to see worked. Of course, outside of class, I will help you with as many problems as I can.

Quizzes (30%)

There will be weekly quizzes. Each quiz will be given on a Tuesday during the first 10 minutes of class. It will consist of one or more questions taken verbatim from the previous week's homework assignments.

No make-up quizzes will be given. If you anticipate missing a quiz, then you may take the quiz early, but you may not take it after the class has taken it. In exchange for that policy, at the end of the semester, I will drop your two lowest quiz grades.

Tests (50%)

You should make every conceivable effort to be present and prepared for an hour test. If you do not feel that you are prepared, you must take the test anyway. The only valid excuses for missing a test are serious illnesses and unavoidable emergencies which can be verified. If you foresee that you must miss a test, then you should make

arrangements, before the absence, to take the test. If you miss a test for a reason that is less than compelling, you will not be allowed to take the test later. If you miss a test, it is essential that you contact me and make arrangements at the earliest possible moment. Failure to follow this policy will invalidate any excuse. The test schedule is as follows:

Test	Date
#1	Fri, Feb 17
#2	Fri, Mar 23
#3	Fri, Apr 20

Final exam (20%)

The final exam will be cumulative. It will be given on Wed, May 9, at 9:00 a.m. in Bagby 106. Everyone must take it and it will not be rescheduled. Read the Examination policy in the Academic Catalogue.

Calculators

Any calculator is permitted in this course, including graphing calculators and programmable calculators. However, the purpose of this course is to learn the *analytical* methods of calculus, not the numerical methods. On tests and quizzes you will be required to show your work. Use the calculator only for simple numerical calculations and for checking answers.

Attendance

Read the Class Attendance policy in the Academic Catalogue. Attendance will be checked at the beginning of each class. If you arrive late, you will be counted absent. If that happens and you would like to be marked present, see me after class and I will mark you “late,” not “absent.” Otherwise, late arrivals and absences will all count as absences. Each late arrival counts as half an absence. When assigning final grades, attendance (including late arrivals) will be taken into account.

The only valid excuses for missing class are

- An illness which includes a visit to the Health Center or a doctor
- An approved college activity
- A true emergency
- Any absence excused by the Dean of Students

Absences	Action
0 - 3	Grade bonus (+3 points if $60 \leq$ your grade ≤ 97)
4 - 6	Neutral
7 - 9	Grade penalty (-3 points if $63 \leq$ your grade ≤ 100)
> 9	Withdrawal

A warning letter will be sent out after the 9th absence.
The last day to drop a course without a grade of WF is Fri, Mar 9.

Classroom Etiquette

- Do not make a habit of leaving the room during the class. If necessary, use the bathroom before coming to class. If you are thirsty, get a drink before class.
- During a lecture, you are free to ask questions. It is polite to raise your hand first and wait to be called on.
- You should not talk to other students while I am talking.
- While working assigned problems in class, you are free to talk to other students provided you are talking about the assigned problems.
- Do not sleep in class.
- Do not work on assignments from other classes during class.
- Do not read the newspaper during class.
- Do not use a cell phone during class.