

INFORMATION, RULES, AND POLICY

COURSE: Calculus, Math 106

TEXT: *Calculus*, Robert T. Smith, Roland B. Minton, 2nd ed., McGraw Hill (2002).

Attendance: You must maintain a good standing on lecture and recitation attendance. A semester total of 6 absence from lecture and recitation will result in a half letter grade deduction. A semester total of 10 absence will result in a full letter grade deduction. Attendance will be routinely taken by your recitation teaching assistant and spontaneously at your lecturer's discretion. A perfect standing receives 5 bonus points.

Quizzes: Quiz on almost every Thursday, commencing the first week of classes. Exceptions to this rule will be made by your recitation teaching assistant.

Exams: There will be 3 hour exams plus the final exam. The hour exams will consist of both routine problems similar to your homework assignment and problems which may require some thought. The final exam is a comprehensive unit final. Cheating on quizzes and exams will be severely penalized and can result in expulsion from the University.

Group Projects: There will be at least one group project. It may require some matlab works. Your group assignment will be based on your academic standing in your recitation class. Each group must work independently from other groups and other group's members. Shared presentation materials in any form with others will not be accepted, and all parties involved in violating this rule will be penalized severely and equally. Late projects will not be accepted. More information will be forthcoming when the projects are assigned.

Gateway Exam: Every one must take the Gateway exam. You can do so with one in-class attempt and at most one on-line attempt per day during a designated period. Passing is to get 8 questions right. Passing receives the full credit of 40 points. Having 7 right receives 10 points, and fewer than 6 right receives no credits. 5 bonus points if you pass the in-class Gateway exam.

Grade: 100 points for each hour exam. 100 total for all quizzes. 20 for one project. 40 for the Gateway exam. 200 for the final exam. The standard numerical-to-letter-grade exchange table will be used for your course grade.

A Few Suggestions: Success in any mathematics course requires a tendency for perfection. Every step of the way, strict attention to the smallest detail is absolutely necessary. If you can learn to acquire the trait of perfectionism for certain courses, you will succeed much more easily in mathematics. Conversely, if you are good at learning mathematics you are probably also good at learning other subjects as well.

It is important for you to work out the homework problems as much independently as possible. Try to reason through problems even though there are formulas or algorithms ready to use. This reasoning process is an essential part of the mathematical thought process. You should also do your homework in a timely fashion. Like most math courses, the material is very cumulative and therefore is easy to get behind. Time can be your friend as much as your foe.

Always read ahead. I will plan class activities assuming you have done the reading. As you read the text, concentrate on the general development first. Since routine calculations are often left to the reader, you should work them out during subsequent in-depth explorations. In other words, you consider a pencil and scratch paper as essential equipment for reading mathematics.

Should you have any questions, speak up in class, seek individual help from your recitation teaching assistant or myself.