



allowed. I tend to frown very heavily on rescheduling for a school sponsored event if the students grades are not up to par. *Be absolutely clear, if I collect work, give a quiz, or have the class participate in a activity for which credit is being awarded, and you have not contacted me in advance of an illness or similarly important reason for your absence, it is unlikely that you will be given a chance to make up the work or have the assignment waived.*

## **Calculators and Technology**

Graphing calculators will only be permitted during exams at my discretion. However, labs, homework, and classroom activities will, from time to time, require a graphing calculator. You should bring one to class regularly. That calculator must be comparable to a TI-83. Students using a different calculator will bear the responsibility for making it emulate the TI-83. (Note that I will only provide instructions for using the TI-83.)

This semester you will begin using the software package *Maple*. This technology can assist you in solving difficult and or tedious problems quickly provided you understand its limitations. It can also assist you in studying the behavior of entire classes of functions. The speed at which you are able to investigate large numbers of examples should help you to gain intuition rapidly. You are encouraged to use this tool to sharpen your understanding of the material even *when you are not specifically instructed to do so.*

## **Grading**

In addition to the mandatory final exam, there will be three exams, a number of quizzes, labs projects and exercises. While I reserve the right to make qualitative judgments in determining grades for all graded work and or the course, the table below indicates the relative worth of each of the graded portions of the course. Also, while this syllabus is subject to change, in the event of a change, students will be notified via an addendum to the syllabus which would be distributed during a regular class period.

|  |                   |
|--|-------------------|
| Quizzes/Homework/Class Participation (more on these below) | 15% of your grade |
| Labs (Maple Projects)                                      | 15% of your grade |
| Three Exams (Each worth 15%)                               | 45% of your grade |
| Cumulative Final Exam                                      | 25% of your grade |

**Quizzes** will be given approximately once a week usually on Wednesdays. However, I reserve the right to quiz at any time and from time to time I may provide pop quizzes on assigned reading. Quizzes will test both your understanding of the material that has been covered in class as well as your understanding of the reading assignments. Pay particular attention to any assignment that calls your attention to specific examples or particular passages in the text. I do not expect you to come to class having memorized the entire section. However, if I call your attention to something, you should strive hard to grasp that material prior to class or the next quiz.

**Homework** will be assigned regularly and you are expected to complete the assignments. You should always come to class ready to submit your homework. It should be well labeled and neat. Always include the section and problem numbers. I will base your homework grade on both your written and submitted work as well as your apparent level of preparedness as demonstrated by your ability to ask

and answer questions in class. For written work, I will consider the degree of effort, the neatness of the work, and whether or not the work is completed correctly.

***Class room participation*** will be noted and will represent as much as 5% of your grade. You earn classroom participation credits by

- asking questions in class (not just naming a problem number). Providing a framework in which you have the opportunity to learn is my responsibility, the actual learning is your responsibility. When you do not understand something, you should ask questions that will help you understand.
- answering questions in class.
- participating in the classroom activities.
- working enthusiastically with your fellow students to ensure that you each understand the material.

***Lab Projects and Exercises*** will make use of the software package Maple. Some assignments may require you to invest significant portions of time investigating mathematical properties or results using Maple, while others may simply ask you to investigate the capabilities of Maple. You may also be asked to complete various homework problems using the computational power of Maple. In any event, you're tasked with learning how to use Maple to simplify computationally intense problems in the field of calculus.

### ***Tentative Exam Dates***

|   |                        |
|---|------------------------|
| Exam 1: February 8, 2006 (if we have not reached section 7.5 by Friday the 3 <sup>rd</sup> the exam will be pushed back to February 10, 2006) | Exam 2: March 15, 2006 |
| Exam 3: April 12, 2006  | Final: to be announced |

### ***Extra Help***

You are strongly encouraged to ask questions in class and to see either myself or the mathematics tutors for help outside of class as much as necessary. You will be informed soon about the tutor center hours.

### ***Special Accommodations***

Students with disabilities who believe that they may need accommodations in this class are encouraged to contact the Learning Services Office as soon as possible to enhance the likelihood that such accommodations are implemented in a timely fashion.

### ***Academic Honesty***

For graded homework assignments and projects, you may use your class notes and any books or library sources, except a solutions manual. You may not use the help, orally or in written form, of any individual other than your instructors unless it is specifically a group assignment and you may not copy someone else's work or let someone else copy your work. If an assignment is completed by a group of two or more people, each person who contributed to the work must put his or her name on the work.

All in-class daily problems, quizzes and tests are to be done by you individually unless specifically stated by your instructor for a particular event.

The College academic honesty policy appears in your Student handbook; you are expected to be familiar with it. The *Academic Honesty Policy Guidelines* specific to mathematics classes are reiterated at the end of this syllabus. They apply to work done outside of the class as well as to in-class quizzes and tests. Please read them carefully. If you are unsure about the propriety of a particular procedure or approach, please consult with your instructor before continuing with the assignment.

## ***Academic Honesty Policy Guidelines***

### MATHEMATICS COURSES

The Department of Mathematics and Computer Science supports and is governed by the ***Academic Honesty Policy of Moravian College*** as stated in the Moravian College Student Handbook. The following statements will help clarify the policies of the members of the Mathematics faculty.

In all homework assignments which are to be graded, you may use your class notes and any books or library sources. When you use the ideas or thoughts of others, however, you must acknowledge the source. For graded homework assignments, you may not use a solution manual or the help, orally or in written form, of an individual other than your instructor. If you receive help from anyone other than your instructor or if you fail to reference your sources you will be violating the ***Academic Honesty Policy of Moravian College***.

All in-class or take-home quizzes are to be completed by you alone without the aid of books, study sheets, or formula sheets unless specifically allowed by your instructor for a particular test.