Math 222-07-Calculus II

Spring 2011

Nathan Reff

Basic Info:

Meeting Times:	MWF 12:00-1:00, R 8:30-9:55 in AP-G15
Email:	reff@math.binghamton.edu
Section Website:	http://www.math.binghamton.edu/grads/reff/m222/
Course Website/Syllabus:	http://www.math.binghamton.edu/calc2/
Help Room:	LN-2408
My Office:	LN-2247
Office Hours:	T 11:00-1:00, R 10:00-11:00 in LN-2408
Text:	*Single Variable Calculus* 6^{th} Ed. by James Stewart (ISBN-13:978-0495011613)

Grading: There will be a total of 500 possible points, distributed in the following way:

Quizzes and Homework	30 points
Exam 1	90 points
Exam 2	90 points
Exam 3	90 points
Final Exam	200 points

Your grade will be determined primarily by your numerical scores on the quizzes, three exams and the final exam. For each exam the numerical score will be given a letter grade interpretation in order to give you some idea of how you stand in relation to all other students in the course. Your total of all points at the end of the course will also be given a letter grade interpretation, which should be consistent with the average of all previous letter grades.

You also have the opportunity to earn participation points which will be added to your course score. You can earn these points by answering questions, asking relevant questions, etc. Coming to class is expected and will not get you these participation points alone. I would like everyone to be a part of the classroom discussions.

Borderline cases of grades can be adjusted up or down based on your attendance, class participation, homework, and trend (patterns in the grades as the semester progresses, for example, steady improvement is good, but a weak final exam is bad).

Homework: Homework problems will be assigned daily/weekly and will be collected every Friday. Please make sure your homework is *neat* (legible, not torn out of a spiral bound notebook, etc.) and *stapled* when you turn it in. It is *very* important that you keep working on problems throughout the course. There is an old saying that "math is not a spectator sport" and there is definitely a lot of truth to this. I recommend working on your own and also with other classmates (but make sure you are turning in your own work). If you are working on a problem and get stuck, make a note of it and remember to *ask questions*. I encourage *everyone* to come to office hours and visit the calculus help room.

Other than assigned problems you should be reading the text every day and keeping up with the pace of the course. Keep in mind that it your responsibility to read each chapter before an exam.

Quizzes: There will be a quiz every Friday. Quizzes will usually cover lecture material and homework problems. The questions may even be taken right from the homework set or minor perturbations of homework problems. This will hopefully give you even more encouragement to do the homework. There will be no make up quizzes. The lowest two quizzes will be dropped.

Exams: All exams for all sections will be administered at a common evening time. The exam schedule is as follows:

Exam 1: Wednesday, Feb. 16, 2011, 7:30 - 9:00 PM,
Exam 2: Wednesday, Mar. 16, 2011, 7:30 - 9:00 PM,
Exam 3: Wednesday, May 11, 2011, 7:30 - 9:00 PM,
Final Exam: May 18, 2011, 7:00 - 9:00 PM.

Please see the course website for more details (room locations, etc.). Exams will be more challenging than the quizzes so you need to study accordingly. However doing the homework and reviewing the quizzes is the best way to prepare yourself. Practice exams will also be made available on the course website.

Quiz/Exam/Final Policy: Please see the course website for the official policy. No calculators, cell-phones, mp3 players, slide rules, abaci, Addiators, Napier's bones, Difference/Analytical Engines, Pascalinas, Antikythera mechanisms, etc. may be used. In other words I want you to only use your brain and the hard work you put into this course to earn your grade. You may not talk to each other in the classroom while other students are working, even if you are done. Please keep your eyes on your own paper. Do not look at notes, books, etc. while working. Work through the problem on your own and you will do fine (and save us both a lot of trouble).

Cheating and Academic Honesty: Cheating of any kind will not be tolerated. It is disrespectful to the University, your classmates and to me. If you are caught cheating you will receive a 0 on the assignment. Additionally, depending on the severity of the cheating, you may receive an F in the course. Furthermore you will be subject to the University's disciplinary action.

Attendance Policy: Binghamton University has a 75% attendance policy (details of this are located in the bulletin, available at `http://bulletin.binghamton.edu/`). I will not enforce any additional policy other than this. This course will move rather quickly so I suggest you only miss class for a good reason (meaning an excused absence). If you must miss a class it is your responsibility to learn the missed material quickly to keep up with the course.

Excused Absences: If you cannot attend one of the exams you should submit a written reason for your absence **in advance** of the exam date. I would appreciate letting me know at least 3 days in advance if you are going to miss a class. In emergency situations you can leave a message for me with the Math Department Secretaries at (607) 777-2147. The decision to allow make-up exams will be made on a case by case basis, but proper documentation is always necessary. No make-up exams will be given without advance notice. If you miss a quiz, exam or final with an unexcused absence, you will receive a 0 for that particular assignment.