Math 112 -- Calculus II

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Click the link for MTH112 – 1 (Prof. Lesh)
Text: Anton, Calculus Brief Edition, 8th ed. and online appendices

Goal of the course: To continue to acquire an understanding of, and an appreciation for, one of the most important intellectual achievements of the last millennium.

WeBWorK: In addition to the stated intellectual goal of the course, the Department of Mathematics is aware of the importance that society is placing on a student’s ability to interact with technology in a variety of contexts. With this in mind, the department uses a computer-based homework system called WeBWorK.

The WeBWorK computer system individualizes the homework problems, so that everyone will get a slightly different assignment. When you enter your answers, the computer will immediately tell you if your answer is right or wrong, and you can go on trying the problems until you get them right, or until the deadline arrives. At that point, your score for that assignment is finalized. (To protect you from system glitches and software errors, 90% on an individual WeBWorK assignment counts as 100% for that assignment in your grade.)

Grading: There are five components to your grade: homework assignments (mostly WeBWorK, usually two per week), quizzes (5-6 of them), Exam 1, Exam 2, and the final exam. These will each make up 20% of the grade.

WeBWorK assignments will typically be due on Mondays and Fridays, and quizzes will be given on Wednesdays. If one quiz is missed for a documented excused absence (e.g., a College academic function or sporting event, illness with a doctor’s note, family emergency handled through the Office of the Dean of Students), it will be replaced with the next test grade. Any further quizzes missed for excused absences will be made up by an oral exam. Unexcused absences from quizzes cannot be made up, but one quiz score will be dropped from your grade at the end of the term (the lowest score, or one unexcused absence from a quiz).

The first exam will be on Wednesday, Feb 4. The second exam will be on either Wednesday, March 4, or Friday, March 6, and will be announced well in advance. Both exams will be during the normal class time. An oral exam will be used to make up an exam missed due to a documented excused absence.

Letter grades: 93 - 100 A, 90 - 92 A-, 87 – 89 B+, 83 - 86 B, 80 - 82 B-, etc., and 60 - 69 D.

Computer Gremlins: This course requires frequent computer work, and computers and printers sometimes go down at the worst possible time: it is important not to leave things to the last minute.

Calculators: You may use a scientific calculator in this course. A scientific calculator is one that can add, subtract, multiply, divide, and compute trig functions, logarithms, and exponentials, but is not programmable and does not have capabilities for graphing and symbolic differentiation or integration. The TI-30Xa or TI-30X IIB are good choices and are usually available at the bookstore. You should bring your calculator to all quizzes and exams.

Final Exam: It is the policy of the Mathematics Department that no final exams are given early. Please do not have any travel plans finalized before the final exam schedule is announced by the Registrar.

Class attendance: A passing grade normally requires consistent attendance, with at most four absences (whether unexcused or excused). I’m happy to work with the Dean of Studies on your behalf, if any situation should arise that necessitates your withdrawing from the course.
**Professional conduct:** Please adhere to standards of professional conduct in the classroom.

Please do not:  
* Use electronic devices (cell phones, Blackberries, iPods, laptops, etc.).  
* Leave the classroom while class is in session.  
* Engage in conversations that distract from class.

Please do:  
* Arrive on time, ready to start class.  
* Give your courteous attention to the instructor and your classmates.  
* Ask questions during class.