

**THE UNIVERSITY OF TEXAS AT EL PASO  
COLLEGE OF SCIENCE  
DEPARTMENT OF MATHEMATICAL SCIENCES**

- Course #: 1411 (Time 1/Module 1)  
Course Title: Modular Calculus 1  
Credit Hrs: 4  
Term: Spring 2009  
Course Meetings & Location: MTWR 1030-1120 am, LART 204  
Prerequisite Courses: M1508 or placement by Accuplacer  
Instructor: Dr. L. Valdez-Sanchez  
Office Location: Bell Hall 222  
Contact Info: Phone # 747-6766  
E-mail address: lvsanchez@utep.edu  
Fax # 747-6502  
Office Hrs: MTWR 0930-1020am
- Textbook(s), Materials: Required: *Calculus*, Eight Edition, by Ron Larson and Robert Hostetler, Houghton Mifflin Company.  
**WebAssign:** Students will use WebAssign for homework. The access code is part of the cost of a new textbook at the UTEP bookstore. WebAssign Pricing via [www.webassign.net](http://www.webassign.net) is \$19.95 with credit card for non-enhanced content per semester.
- Modular Calculus Website <http://www.math.utep.edu/classes/calculus/>  
You are responsible for reading and understanding all policies listed on the Modular Calculus website. Be sure to visit it often to check for any notices and announcements. The site also provides access to past exit exams and tutorials.
- Course Objectives (Learning Outcomes): Students are expected to have a clear understanding of the ideas of Calculus 1 as a solid foundation for subsequent courses in mathematics and other disciplines as well as for direct application to real life situations.
- Course Activities/Assignments: You will find all homework on WebAssign. It is recommended to use the *Mozilla Firefox* internet browser since WebAssign works best with this browser. You do not have to register for WebAssign. Your name will be uploaded by the instructor to your assigned class.
- Assessment of Course Objectives: Homework will count 25% of your grade. Quizzes will be given every week and will count 25% of your grade. At the end of Time period 1, you will take an Exit Exam. You must attain a score of 60% or better on the Exit Exam. The Exit Exam will count for 50% of your overall grade.
- Grading Policy: Your grade for this Module will be computed as follows:  
50% Exit Exam (**grade on exam must be at least 60%**)  
25% Quiz Average  
25% WebAssign Homework Average  
Total = 100% (**total must be at least 70% to pass module**)

**Preparation for Class:** Students are expected to read the textbook prior to each class meeting and be familiar with the current topic of discussion outlined in the course schedule. Taking into account the volume of information to be covered and the amount of homework assigned in this course, you should expect having to devote a minimum of 8 hours a week of work outside of class.

**Attendance:** Students are expected to arrive to all lectures on time, participate in class discussions and stay for the entire class period. If you must leave early for any reason, please inform me beforehand; do not walk away from a lecture in progress. If you are unable to attend class, you are still responsible for the material covered during the missed class period. Ask any of your classmates for notes, as examples discussed in class may be used in tests later.

**UTEP email account:** Any information about the course (change of Hw due dates or exams, etc) will be notified to everyone via UTEP email accounts.

**Make-up Policy:** No make up exams/quizzes will be given except with proper documentation, i.e. doctor's note, hospital's note, or UTEP excused absence document. Homework is due on specified due dates without exceptions.

**Civility Statement:** No food is allowed to be brought into the classroom nor be consumed at any time. Any electronic device which might disturb class activities must remain turned off during the entire class period. In particular, no cell phones/computers are allowed to be used during the class, quizzes, tests or exams; calculators may not be shared during exams.

**Disability Statement:** If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at [dss@utep.edu](mailto:dss@utep.edu) or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any DSS accommodation letters and instructions.

**Military Statement:** If you are a military student with the potential of being called to military service and /or training during the course of the semester, you must contact me as soon as possible **before** you leave.

**Academic Integrity:** Any student who commits an act of academic dishonesty is subject to discipline. Academic dishonesty includes, but is not limited to, cheating, plagiarism, collusion, the submission for credit of any work or materials that are attributable in whole or in part to another person, taking an examination for another person, and any act designed to give unfair advantage to a student or the attempt to commit such acts. Proven violations of the detailed regulations, as printed in the Handbook of Operating Procedures (HOP), and available in the Office of the Dean of Students and on the homepage of the Dean of Students at [www.utep.edu/dos](http://www.utep.edu/dos), may result in sanctions ranging from disciplinary probation, to a failing grade on the work in question, to a failing grade in the course, to suspension or dismissal, among others. (For the full statement, see the Curriculum and Classroom policies in the current Undergraduate Catalog.)

### **More on Homework:**

1. You have only 3 trials for answering each problem in the homework, so read all instructions carefully.
2. If a problem says something like "Do this on paper, your instructor may ask you to turn in this work", disregard it, you will not be required to turn in anything on paper.
3. Check how many decimal places are required in an answer. Although answers like 0.25 and 0.250 are the same, others like 0.33 and 0.333 may be different to Webassign, so put the exact amount of requested decimal places.
4. Homeworks and quizzes will be taken from problems in your textbook, so it is strongly recommend that you practice with them. The following is a list of suggested practice problems. In addition to the following, try to answer (or at least browse) all the "Writing about concepts" problems in each section. Do not turn in any work.

**Section 1.1:** 7, 9, 11

**Section 1.2:** 4, 7, 12, 14, 16, 17, 23, 32

**Section 1.3:** 15-21 (odd problems only) 27-37 (odd) 41-55 (odd). Challenge: 61

**Section 1.4:** 3-11 (odd) 25-43 (odd), 57. Challenge: 59

**Section 1.5:** 1, 3, 9-15 (odd), 29, 33-41. Challenge: 59

**Section 2.1:** 5-17 (odd), 25, 27, 71, 73, 81-85 (odd). Challenge: 103

**Section 2.2:** 5-19 (odd), 31-35 (odd), 39-45 (odd), 93, 95, 103. Challenge: 109

**Section 2.3:** 3-15 (odd), 23-33 (odd), 63-67 (odd), 93, 97. Challenge: 123

**Section 2.4:** 3-19 (odd), 41-47(odd), 59-63 (odd), 67-71 (odd) Challenge: 75

**Section 2.5:** 3-15 (odd), 21-37(odd), 41, 45, 51 Challenge: 57

**Section 2.6:** 5, 15-19 (odd), 27-31(odd), 35, 43, 45 Challenge: 51

### Course Schedule:

<b>Time Interval 1      Math 1411      Fall 2009</b>				
<b>Date</b>	<b>Day</b>	<b>Module 1</b>	<b>Module 2</b>	<b>Module 3</b>
8/24/2009	Monday	Syllabus		
8/25/2009	Tuesday	1.1	3.1	4.3
8/26/2009	Wednesday	1.2	3.2	4.4
8/27/2009	Thursday	Quiz/Study Groups	Quiz/Study Groups	Quiz/Study Groups
8/31/2009	Monday	1.3	3.3	4.5
9/1/2009	Tuesday	1.4	3.4	4.6
9/2/2009	Wednesday	1.5	3.5	5.1
9/3/2009	Thursday	Quiz/Study Groups	Quiz/Study Groups	Quiz/Study Groups
9/7/2009	Monday	<b>No Class</b>	<b>Labor Day</b>	<b>No Class</b>
9/8/2009	Tuesday	2.1	3.6	5.2 - 5.3
9/9/2009	Wednesday	2.2	3.7	5.4
9/10/2009	Thursday	Quiz/Study Groups	Quiz/Study Groups	Quiz/Study Groups
9/14/2009	Monday	2.3	3.8	5.5
9/15/2009	Tuesday	2.4	3.9	5.6
9/16/2009	Wednesday	2.5	4.1	5.7 & 5.8
9/17/2009	Thursday	Quiz/Study Groups	Quiz/Study Groups	Quiz/Study Groups
9/21/2009	Monday	2.6	4.2	Review
9/22/2009	Tuesday	Review	4.3	Review
9/23/2009	Wednesday	Review	Review	Exit Exam Mod 3
9/24/2009	Thursday	Exit Exam	Exit Exam	Exit Exam Mod1 & Mod2
9/28/2009	Monday	Return Exams	Return Exams	Return Exams
<b>Sept. 26/27</b>	<b>Test Out Exam      Library      Library Hours      Online Testing</b> <b>You must start your exam three hours before the Library closes.</b>			