

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

Course Number: 1312 (CRN 14611)
Course Title: Calculus II
Credit Hours: 3
Term: Fall 2017
Course Meeting Time: TR 12:00-1:20pm in Liberal Arts 303
Course Website:

http://www.math.utep.edu/Faculty/nsharma/public_html/fa17_1312.html

Prerequisite Courses: Calculus I (Math 1411)
Instructor: Natasha S. Sharma, Ph.D.
Office Location: Bell Hall 318
Contact Info: Phone: 747-6858
E-mail: nssharma@utep.edu
Office Hours: M 1:30 pm --2:30 pm or by appointment
Textbook, Materials: Calculus, Tenth Edition, by Larson, Hostetler, and Edwards. Note that an electronic version of the book will be available through WebAssign.

Course Objectives: This course is the second part of the calculus sequence. In Calculus I, you were introduced to the three fundamental notions upon which calculus is built: limits, derivatives and integrals. Our main objectives this semester are: (1) to deepen the comprehension of these notions through conceptual discussions and the investigation of many problems and applications; (2) to master more advanced methods and techniques, and apply them to the solution of a variety of problems.

Assignments: There will be an in-class assignment every class period, which you are to work on during class time. You are encouraged to work in groups on these assignments. You don't need to turn these in; they are for your own benefit. In addition, homework assignments will be given at the start of each new chapter. There will be a quiz once every week that will be either taken directly from the homework assignments or very similar to them. You may not use your book during the quizzes, but you may use your homework, so it is definitely to your advantage to attempt all the problems on the homework assignments on your own. The lowest two quiz scores will be dropped.

Assessment: Your overall grade will consist of the weighted average of your scores on the exams, homework quizzes, and the final exam.

Grading Policy: The usual grading scale will be used for this course (90%-100% is an A, 80%-89% is a B, etc.)

Three exams	60% (20% each)
Homework quizzes	15%
<u>Comprehensive final exam*</u>	<u>25%</u>
Total	100%

*The final exam will be given on **Thursday, 5/12, 1:00-4:45 PM.**

- Make-up Policy:** Make-up quizzes will only be given for students attending university sponsored events (such as student athletes traveling to meets), and only with prior notification and appropriate documentation. A make-up exam will only be given in extraordinary circumstances (severe illness, death in immediate family), and with appropriate documentation.
- Attendance Policy:** As with every college course, attendance is essential for success. Try not to be absent unless it is absolutely necessary. If possible, it is better to let me know ahead of time when you will be absent. If you are absent, it is your responsibility to find out which assignments you need to make up.
- Academic Integrity:** We will follow the university's policy in this course, as explained in the Handbook of Operating Procedures. You may find it [here](#). You may be directed to change seats at any time during exams.
- Civility:** Please do not use cell phones, pagers, iPods, MP3 players, blue tooth devices, etc. during class. Cell phones and pagers should be set to silent or vibrate, and if you absolutely must answer your phone, calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please do not send text messages during class.
- Disability Statement:** If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.utep.edu/CASS.
- 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 are encouraged to contact me as soon as possible.
- Course Schedule:** We will cover chapters 7, 8, and 9 of the textbook.
- **08/29:** Section 8.1
 - **08/31:** Section 8.2
 - **09/05:** Section 8.3 and **Quiz 1**
 - **09/07:** Section 8.4
 - **09/12:** Section 8.5 and **Quiz 2**
 - **09/14:** Section 8.7
 - **09/19:** Section 8.8 and **Quiz 3**
 - **09/21: Midterm 01 Review**
 - **09/26: Midterm 01**
 - **09/28:** Section 7.1
 - **10/03:** Section 7.2 and **Quiz 4**
 - **10/05:** Section 7.3

- **10/10:** Section 7.4 and **Quiz 5**
- **10/12:** Section 7.5
- **10/17:** Section 9.1 and **Quiz 6**
- **10/19:** Section 9.2
- **10/24:** Section 9.3 and **Quiz 7**
- **10/26: Midterm 02 Review**
- **10/31: Midterm 02**
- **11/02:** Section 9.4 **Drop deadline November 3rd**
- **11/07:** Section 9.5 and **Quiz 8**
- **11/09:** Section 9.5
- **11/14:** Section 9.6 and **Quiz 9**
- **11/16:** Section 9.7
- **11/21:** Section 9.8 and **Quiz 10**
- **11/23: THANKSGIVING**
- **11/28:** Sections 9.9 and 9.10
- **11/30: Review for Midterm 03**
- **12/05: Midterm 03**
- **12/07: Review for final exam**
- **12/12: Comprehensive Final Exam at 1:00 PM**

Drop Deadlines:

The last day to drop the course is November 3rd. Please note that the College of Science will remain aligned with the University and **will not approve any drop requests after that date.**

Tutoring:

The Tutoring and Learning Center (TLC) offers free tutoring and is located on the second floor of the campus library.