

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

**Course Number:** 1312 (CRN 28552)  
**Course Title:** Calculus II  
**Credit Hours:** 3  
**Term:** Spring 2019  
**Course Meeting Time:** TR 10:30-11:50 am in Liberal Arts 307  
**Course Website:**  
[http://www.math.utep.edu/Faculty/nsharma/public\\_html/sp19\\_1312.html](http://www.math.utep.edu/Faculty/nsharma/public_html/sp19_1312.html)

**Prerequisite Courses:** Calculus I (Math 1411)

**Instructor:** Natasha S. Sharma, Ph.D.

**Office Location:** Bell Hall 318

**Contact Info:** Phone: 915-747-6858

E-mail: [nssharma@utep.edu](mailto:nssharma@utep.edu)

**I typically respond to the course-related emails within 24 hours.**

**Office Hours:** TR 12:00-1:00 pm or by appointment.

**Textbook, Materials:** Calculus, 11th 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 almost every other class period, which you are to work on during class time. You are encouraged to work in groups on these assignments. You do not 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.

**Important: The latest course related information can be found on the course website mentioned above. It is your responsibility to check it for all the important announcements and assignments.**

**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 (above 90% 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, 5/16, 10:00 AM-12:45 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.

**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](mailto:cass@utep.edu), or visit their office located in UTEP Union East, Room 036. For additional information, please visit the CASS website at [www.utep.edu/CASS](http://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.

- **Class 01:** Section 8.1
- **Class 02:** Section 8.2
- **Class 03:** Section 8.3 and **Quiz 1**
- **Class 04:** Section 8.4
- **Class 05:** Section 8.5 and **Quiz 2**
- **Class 06:** Section 8.7
- **Class 07:** Section 8.8 and **Quiz 3**
- **Class 08:** **Exam 01 Review**
- **Class 09:** **Exam 01 DATE 02/19**
- **Class 10:** Section 7.1
- **Class 11:** Section 7.2 and **Quiz 4**
- **Class 12:** Section 7.3
- **Class 13:** Section 7.4 and **Quiz 5**
- **Class 14:** Section 7.5

- **Class 15:** Section 9.1 and **Quiz 6**
- **Class 16:** Section 9.2
- **Class 17:** Section 9.3 and **Quiz 7**
- **Class 18:** **Exam 02 Review**
- **Class 19:** **Exam 02 DATE 04/02**
- **Class 20:** Section 9.4 **Drop deadline Friday!**
- **Class 21:** Section 9.5 and **Quiz 8**
- **Class 22:** Section 9.5
- **Class 23:** Section 9.6 and **Quiz 9**
- **Class 24:** Section 9.7
- **Class 25:** Section 9.8 and **Quiz 03**
- **Class 26:** Section 9.9
- **Class 27:** Section 9.10
- **Class 28:** **Review for Exam 03**
- **Class 29:** **Exam 03 DATE 05/07**
- **Class 30:** **Review for final exam**
- **05/16: Comprehensive Final Exam at 10:00 AM**

**Drop Deadlines:** The last day to drop the course is **April 5<sup>th</sup> 2019**. 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.

**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. When the class is in progress, the students are required to not disturb the class by conversations or loud headphones.

**Student Conduct:** “All students at the University of El Paso are expected to have read and understood The Regents’ *Rules and Regulations*.”

“The official copy of the Regents’ *Rules and Regulations* is maintained by the Office of the Boards of Regents. The *Rules and Regulations* of the Board of Regents of The University of Texas System for the Government of The University of Texas System were reissued on December 10, 2004.”

For more information please click [here](#).