

**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
**DEPARTMENT OF MATHEMATICS**

Course #: MATH 2313-21377  
Course Title: Calculus 3  
Credit Hrs: 3  
Term: Spring 2018  
Course Meetings: MW 01:30 – 02:50 pm LART 103  
& Location:  
Prerequisite: MATH 1312 or 2326 with C or better; students are assumed to be proficient on all  
Courses: prerequisites.  
Instructor: Dr. Luis Valdez-Sanchez  
Office Location: Bell 222  
Contact Info: Phone (915) 747-6766  
E-mail [lvsanchez@utep.edu](mailto:lvsanchez@utep.edu)  
Fax (915) 747-5761  
Office Hrs: MW 12:30 – 01:20 pm and TR 01:30 – 02:20 pm or by appointment

Textbook(s),  
Materials: Required: *MATH 2313 – Calculus III (University of Texas at El Paso – CENGAGE)*, by R. Larson and B. Edwards, 2014 edition. Or full version of *Calculus*, by R. Larson and B. Edwards, 10<sup>th</sup> edition.  
*Vector Calculus* by Michael Corral; free textbook at <http://www.mecmath.net/>  
Suggested:

Course Objectives: Continuation of MATH 1312. Topics include solid analytic geometry, partial differentiation, and multiple integration. We will cover chapters 11 through 14 in detail, and chapter 15 as time permits.

Course Activities & Assignments: Homework will be assigned but not collected. Quizzes, on material coming from Hw problems and the examples discussed in the textbook/lecture, will be regularly given in class.

Assessment of Course Objectives: There will be two midterm exams and a comprehensive final. Unannounced quizzes on material coming from Hw problems and the examples discussed in the textbook/lecture will be regularly given in class.

No calculators may be used during any quiz or exam.

No bathroom breaks will be allowed during any quiz/exam (medical conditions/dire circumstances excluded).

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- Course Schedule -- Target midterm dates: Midterm 1: TBA (Ch 11-12); midterm 2: TBA (Ch 13)  
-- The **final exam on Wednesday 05/09/2018, 04:00 pm-06:45 pm** will be **comprehensive** and include all the material from chapters 11-14 (15?).  
--- No class: Spring Break 03/12 – 03/16.  
-- **Course drop deadline: Thursday 03/29/2017**; withdrawals after this date will not be approved; see <http://academics.utep.edu/Default.aspx?tabid=56696> for instructions or contact the Registration and Records Office.
- Grading Policy: Each midterm is worth 25%, quizzes are worth 10%, and the final exam is worth 40%. Grades will be assigned as follows:  $A \geq 90$ ;  $B \geq 80$ ,  $C \geq 70$ ,  $D \geq 60$ ,  $F < 60$ . The course grade will be the average grade of midterms, quizzes and final, or a C if the final exam grade is  $\geq 70$  and the average is  $< 70$ .
- Academic performance in this class will be the only factor used in determining course grades and will be based exclusively in the evaluation items indicated above.
- In order to be granted a grade of Incomplete, a student must have completed at least 60 percent of the coursework with a grade of C or better. An Incomplete grade cannot be granted to anyone who has taken the final exam.
- Make-up Policy: There are no make-ups for quizzes or the final exam. In case of missing a midterm exam due to an emergency, contact me as soon as possible to discuss a possible make-up schedule (depending upon officially documented and academically valid reason for missing exam). If a make-up cannot be given, the grade for the missed midterm or final will be 0.
- Attendance Policy: -- 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.
- No extra time will be provided when arriving late to any quiz or midterm.
- 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 12 hours a week of work outside of class.
- 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.
- A student may be dropped by the instructor prior to the drop deadline after not taking several consecutive quizzes or midterms without providing an academically valid excuse.

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Academic Integrity Policy: The University policy is that all suspected cases or acts of alleged scholastic dishonesty must be referred to the Dean of Students for investigation and appropriate disposition. Any student who commits an act of scholastic dishonesty is subject to discipline. Scholastic 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, any act designed to give unfair advantage to a student or the attempt to commit such acts. Each student is responsible for notice of and compliance with the provisions of the Regents' Rules and Regulations, which are available for inspection electronically at <http://www.utsystem.edu/bor/rules/homepage.htm>

All students are expected and required to obey the law, to comply with the Regents' Rules and Regulations, with System and University rules, with directives issued by an administrative official in the course of his or her authorized duties, and to observe standards of conduct appropriate for the University. A student who enrolls at the University is charged with the obligation to conduct himself/herself in a manner compatible with the University's function as an educational institution.

Any student who engages in conduct that is prohibited by Regents' Rules and Regulations, U. T. System or University rules, specific instructions issued by an administrative official or by federal, state, or local laws is subject to discipline, whether such conduct takes place on or off campus or whether civil or criminal penalties are also imposed for such conduct.

Civility Statement: 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 any calls should be taken outside of class. Please do not wear headsets or blue tooth devices during class. Please don't talk in class. Cell phone calculators may not be used on quizzes or exams. Active participation in class is expected, teamwork in class will be implemented.

Disability Statement: If a student has or suspects she/he has a disability and needs an accommodation, he/she should contact The Center for Accommodations and Support services (CASS) at 747-5148, [cass@utep.edu](mailto:cass@utep.edu) or directly in Room 106 Union East Building. The student is responsible for timely presenting to the instructor any CASS 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 semester, please contact me by the end of the first week of class