



The University of Texas at El Paso
College of Science
Department of Mathematical Sciences



Course #: Math 2313, CRN 23408
Course Title: Calculus III
Credit Hrs: 3
Term: Spring 2019
Course Meetings & Location: 9:00 pm - 10:20 pm Liberal Arts Building 203
Prerequisite Courses: MATH 1312
Instructor: Leobardo Valera
Office Location: CCSB 2.0902F
Contact Info: Phone # 915 747-5596
E-mail address: lvalera@utep.edu
Office Hrs: MW 10.30 am-12.00 am, CCSB 2.0902F
Textbook(s), Materials: Required: "MATH 2313 – Calculus III," Larson and Edwards, Cengage Learning, 2018, 11th edition.
Course Objectives: The course will cover the following sections:
- Structure of 3D space and learn to graphically display functions of 2 and 3 variables.
- Use of vectors to describe motion and forces in 2D and 3D space.
- Compute partial derivatives of multivariate functions, and to use them in applications such as finding minima and maxima.
- Compute multiple integrals and to use them in applications such as volume, mass and centroid calculations.
Assessment of Course: quizzes, tests, final exam
Grading Policy: $0.9 \cdot \text{tests} + 0.1 \cdot \text{quizzes} + (100 - (0.9 \cdot \text{tests} + 0.1 \cdot \text{quizzes}))/100$
The Drop Date: **The Drop Date for this semester is Friday April 5, 2019. No drops will be approved after this date.**

All grades of Incomplete must be accompanied by an Incomplete Contract that has been signed by the instructor of record, student, departmental chair, and the dean. Although UTEP will allow a maximum of one year to complete this contract, the College of Science requests it be limited to one month based upon completion data. A grade of Incomplete is only used in extraordinary circumstances confined to a limited event such as a missed exam, project, or lab. If the student has missed a significant amount of work (e.g. multiple assignments or tasks), a grade of Incomplete is not appropriate or warranted.
Make-up Policy: No makeup quizzes; however, I will throw out your three lowest quiz grades. Make up tests will be given for excused absences.
Attendance Policy: none
Academic Integrity Policy: UTEP's policy cited in <http://academics.utep.edu/Default.aspx?tabid=23785>
Civility Statement: No cell phones are allowed to be used during the class, quizzes, tests
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 or at <cass@utep.edu> or go to Room 106 Union East Building. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.
Military Statement: 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 as soon as possible