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

Course #: MATH 2313 (CRN 12220)
Course Title: Calculus III
Credit Hrs: 3
Term: Fall 2015
Course Meetings & Location: MW 9:00-10:20, COTTON 207
Prerequisite Courses: MATH 1312
Course Fee: (if applicable) None
Instructor: Granville Sewell
Office Location: Bell 200
Contact Info: Phone # 747-6762
E-mail address sewell@utep.edu
Fax # 747-6502
Emergency Contact
Office Hrs: MW 8:00-8:50, T 9:00-9:50
Textbook(s), Materials:
Suggested: Course Objectives (Learning Outcomes):
Students will:
a. Learn about the structure of 3D space and learn to graphically display functions of 2 and 3 variables.
b. Learn about the use of vectors to describe motion and forces in 2D and 3D space.
c. Learn to compute partial derivatives of multivariate functions, and to use them in applications such as finding minima and maxima.
d. Learn to compute multiple integrals and to use them in applications such as volume, mass and centroid calculations.

Course Activities/Assignments: Quizzes will be given regularly, quiz questions will be taken directly from the homeworks, which will be assigned regularly, but not graded.
Assessment of Course Objectives: Grades will be based on quizzes and exams, details are at the class website, www.math.utep.edu/Faculty/sewell/2313/2313l.htm
Course Schedule: Complete quiz and exam schedule is given at the class website, www.math.utep.edu/Faculty/sewell/2313/2313l.htm
Grading Policy: 20% based on 12 quizzes, 60% based on three tests, 20% based on final exam. Details are at course website, www.math.utep.edu/Faculty/sewell/2313/2313l.htm
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
Civility Statement: None
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 e-mail 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.sa.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 your instructor as soon as possible.