Course #: MATH 2326 (CRN 11949)
Course Title: Differential Equations
Credit Hrs: 3
Term: Fall 2014
Course Meetings & Location: MWF 10:30-11:20, EDUC 202
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 #747-5761
Office Hrs: MTR 9:30-10:20

Course Objectives (Learning Outcomes): Students will

a. Learn to solve analytically a few important types of differential equations such as separable first order equations, and linear, constant coefficient, higher-order differential equations.
b. Learn to solve more general differential equations and systems of equations using numerical methods, such as Euler’s method.
c. Learn to model physical phenomena using differential equations
d. Learn to qualitatively analyze autonomous differential equation systems by finding and classifying (sink, source, etc.) equilibrium points.
e. Learn to solve linear, constant coefficient differential equations using Laplace transforms.

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/2326/2326k.htm
Course Schedule: Complete quiz and exam schedule is given at the class website, www.math.utep.edu/Faculty/sewell/2326/2326k.htm
Grading Policy: 20% based on quizzes, 60% based on three tests, 20% based on final exam. Details are at course website, www.math.utep.edu/Faculty/sewell/2326/2326k.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 a student has or suspects she/he has a disability and needs an accommodation, he/she should contact the 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 DSS 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 course of the semester, you are encouraged to contact instructor as soon as possible.