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

Course #: 5351-11989
Course Title: Complex Variables
Credit Hrs: 3
Term: Fall 2014
Course Meetings & Location: MW 0130-0250pm; Bell Hall 125
Prerequisite Courses: MATH 5321 or its equivalent as approved by the instructor
Course Fee: (if applicable) None
Instructor: L. Valdez-Sanchez
Contact Info: Phone # 747-6766
E-mail address: lvsanchez@math.utep.edu
Fax # 747-6502
Office Hrs: MTWR 1200-0100pm or by appointment.
Textbook(s), Materials:
   Required: Complex Analysis, by E.M. Stein & R. Shakarchi, Princeton Lectures in Analysis II.
   Suggested: Functions of one complex variable, John Conway, GTM 11, Springer Verlag

Course Objectives (Learning Outcomes):
The student will learn in detail the fundamental theorems of complex analysis and their applications (to integration theory etc). Our aim will be to cover thoroughly the material in Chapters 1, 2, and 3, and to include material from Chapters 5 or 8 as time permits.

Course Activities/Assignments:
Homework will be assigned regularly and will consist of problems from the textbook as well as from other sources.

Assessment of Course Objectives:
The course grade will determined from the performance on two midterms exams, a final exam, and the assigned homework.

Course Schedule:
Midterm 1 (chapters 1 and 2) TBA, midterm 2 (chapters 3,5,8) TBA.

Grading Policy:
HW = 10%
Midterms (2) = 25% each
Final = 40% (on Wed Dec 10, 04:00--06:45pm)

Make-up Policy:
In case of missing an exam due to an emergency, let me as soon as possible to discuss a possible make-up schedule (depending upon officially documented reason for missing exam). If a make-up cannot be given, the grade for the missed midterm or final will be 0.

Academic Integrity Policy:
UTEP’s policy may be found at the following web page:
http://admin.utep.edu/Default.aspx?PageContentID=2083&tabid=30292
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.
-- 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.
-- 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.

Civility Statement: Only graphing calculators may be used on quizzes or exams; calculators may not be shared; no cell phone calculators allowed. May not use laptops, cell phones, pagers, IPods, IPads, MP3 players, headsets or 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 don’t talk in class about topics not related to the lecture.

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 Office (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: 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 must contact your instructor as soon as possible before leaving.