Course #: Math 3325 CRN: 24595
Course Title: Principles of Mathematics
Credit Hrs: 3
Term: Spring 2016
Course Meetings & Location: M-W 1:30-2:50, LART 122
Prerequisite Courses: MATH 1312 with a grade of "C" or better. Every student is individually, fully responsible for all official prerequisites for this class.
Course Fee: (if applicable)
Instructor: Dr. Osvaldo Mendez,
Office Location: Bell 217
Contact Info: Phone # 747 6862
E-mail address: osmendez@utep.edu
Emergency Contact 747-5761
Office Hrs: M 10:30 AM-11:20 PM
Textbook(s), Materials: Required:

A Transition to Advanced Mathematics 8th Edition

- ISBN-10: 1285463269

Textbook required at all class meetings. Homework is based on textbook. Exams is based on textbook. It is every student individual responsibility to make sure he/she has the correct homework problem set.

Course Objectives (Learning Outcomes):
Principles of Mathematics

Course Content:
Logic and proofs, elements of set theory, relations and functions: application of these ideas. Cardinality, groups and their quotients, the field of real numbers

Activities/Assignments:
There will be two midterm exams and a final exam. No make-ups, no extra time for arriving late to any exam. Midterms and final will be based on regularly assigned homework. Each student is responsible for working on the homework problems. Questions about the homework are welcome during class time or during
All steps of every problem should be clearly detailed in all exams. Exams with no legible printed name on each page, will not be graded and will not be returned.

**Assessment of Course Objectives:** Midterm exams, final exam.

**Course Schedule:**

- **Drop Date:** 4/1/2016.
- **IMPORTANT:** After the drop date, you can be dropped only with an F. No exceptions. The instructor will not grant a W after the drop date.

- **First Midterm:** Monday, Feb. 22, 2016.
- **Second Midterm:** Monday, March 28, 2016.
- **Final exam:** Wednesday, May 11th 4:00-6:45 PM (NO MAKE-UPS).

EXAMS ARE CLOSED BOOK/CLOSED NOTES, NO CALCULATORS ALLOWED. CELL PHONES MUST BE OFF AND STOWED AWAY DURING EXAMS.

**Grading Policy:** Each Midterm is worth 30% of the final grade. The final exam is worth 40% of the final grade. No extra credits or extra work. IN ORDER TO BE GRANTED AN INCOMPLETE, A STUDENT MUST HAVE COMPLETED AT LEAST 60 PERCENT OF THE COURSEWORK WITH A GRADE OF C OR BETTER. AN INCOMPLETE WILL NOT BE GRANTED TO ANYBODY WHO HAS TAKEN THE FINAL EXAM.

**Make-up Policy:** No make ups. If a student misses a midterm for a VALID, OFFICIALLY DOCUMENTED reason, the weight of the missing exam will be transferred to the final. No make up for the final exam.

**Attendance Policy:** Any student with 3 or more absences from lecture might be automatically dropped from the class with an F. It is every student’s individual responsibility to sign the attendance sheet. Attendance sheets cannot be signed retroactively, nor can they be turned in late. Every student is individually, fully responsible for all information and all hand-outs delivered during each lecture and for every Blackboard posting. If a student misses a lecture for whatever reason, he/she is fully responsible for everything discussed during class and for procuring the information by him/herself from classmates. It is NOT the instructor's responsibility to inform students about material covered/information delivered during a lecture in which the student was absent. The instructor will NOT repeat the information delivered on a lecture via e-mails or phone calls or by any other means, on the basis that the lecture was missed. The purpose of office hours is NOT to make up for missed lectures.

**Academic Integrity Policy:** See http://academics.utep.edu/Default.aspx?tabid=23785

**Civility Statement:** Students are expected to arrive/leave on time and not to disrupt other student’s right to learning. Any student exhibiting disruptive behavior in the opinion of the instructor, will be asked to leave and 50 points will be taken off his/her final grade, for every such occurrence. No extra time for arriving late to any exam, including the final.

**Disability Statement:** If a student has or suspects she/he has a disability and needs an
accommodation, he/she should contact the Disabled Student Services Office (DSSO) at 747-5148 or at <dss@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.