

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: Math 1319
Course Title: Math in the Modern World
Credit Hrs: 3
Term: Fall 2015
Course Meetings & Location: TR 7:30 am - 8:50 am; MAIN 205
Prerequisite Courses: MATH 0311 or proper placement examination.

Instructor: Julio César Urenda Castañeda
Office Location: Library 504
Contact Info: 747- 7005
E-mail address: jcurenda@utep.edu
Office Hrs: MW 11:30 am – 1:00 pm or by appointment.
Textbook(s), Materials: Required: The Heart of Mathematics: An invitation to effective thinking
3rd ed. by Edward B. Burger and Michael Starbird.

Course Objectives
(Learning Outcomes): We will go through the following chapters
◦Chapter 2 – Number Contemplation
◦Chapter 3 – Infinity
◦Chapter 4 – Geometric Gems
◦Chapter 5 – Contortions of Space

Activities and
Assignments: Students will be expected to attend lecture, read the book, practice the
concepts by solving problems from the textbook assigned for homework.
Study groups to discuss the problems and brainstorm approaches to
problem solving are encouraged. However, the written assignments turned
in for grading are to be your own work and reflect your individual effort.

Important Dates: **September 9th** - Class Census Day. If a student drops before the census
date, neither the course nor a grade will appear on the student's academic
record. This is the last day to drop without a W.
October 30th - Course Drop Deadline
December 10th - Final Exam from 7:00am to 9:45am

Grading Policy: You will be graded on homework, attendance, in-class examinations, and
the final exam. The course grade is based on:
20% Midterm exams
30% Class Participation and Attendance
40% Homework
10% Final exam

Letter grades are determined according to the following scale:
A: 90-100 B: 80-89 C: 70-79 D: 60-69 F: <60

Make-up Policy: It is possible to have one make up for all tests and homework. It is not possible to make up the final exam.

Attendance Policy: As with every college course, attendance is essential for success. In this case attendance is mandatory and is also part of your final grade.

Academic Integrity

Policy: Violations of academic integrity, including unauthorized submission of work performed by others, will be pursued vigorously to result in the most severe sanctions. Please refer to UTEP's policy cited in <http://sa.utep.edu/osccr/academic-integrity/>

Civility Statement: No text messaging in class. Please silence cell phones before coming to class. Students are expected to actively participate in class discussions and group activities. Group work that is not completed in class is to be finished as homework, so use the class time wisely by staying focused on the class topic and avoiding chit-chat.

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 (<http://sa.utep.edu/cass/>) located in Union East Room 106. 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 are encouraged to contact your instructor as soon as possible.