

**THE UNIVERSITY OF TEXAS AT EL PASO**  
**COLLEGE OF SCIENCE**  
Dept. of Mathematical Sciences

Course #: Math 1319  
Course Title: Mathematics in the Modern World  
Credit Hrs: 3  
Term: Fall  
Course Meetings & Location: MWF 11:30-12:20  
Prerequisite Courses: N/A  
Course Fee: (if applicable) N/A  
Instructor: Pablito Delgado  
Office Location: CRBL 404 E  
Contact Info: Phone # 915-747-5761  
E-mail address pmdelgado2@utep.edu  
Fax # N/A  
Emergency Contact N/A

Office Hrs: M-F 9:30-10:30am  
Textbook(s), Materials: Required: *Heart of Mathematics* by Burger and Starbird  
Suggested: N/A

Course Objectives (Learning Outcomes): The goal of this course is to give you an overall general view of what mathematics is, from philosophical, historical, and aesthetic points of view. By analyzing mathematics from these perspectives, it is my hope that you will develop a deeper sense of appreciation for mathematics in general. We will be discussing topics as familiar as algebra and geometry, as well as cutting edge, modern mathematical topics.

Course Activities/Assignments: You will have at least one quiz per week, as well as three principal essay assignments, and a final presentation at the end of the semester.

Assessment of Course Objectives: In heavy contrast to previous mathematics courses, this course does not place a heavy emphasis on objective calculation. Instead, your understanding of mathematical concepts will be assessed by your comprehension of reading material (quizzes), and the ability to argument your point of view in prose (essays) and in speech (presentations)

Course Schedule: TBD

**Grading Policy:** Essays (3) 20% each  
Quizzes 20%  
Presentation 20%

**Make-up Policy:** No make-ups are allow under any circumstances. In the case of an emergency, essays may be turned in via email prior to the time of class on the assigned due dates.

**Attendance Policy:** If you are absent 3 times, you may be dropped from the course.

**Academic Integrity Policy:** Your work must be authentic. Any signs of plagiarism will be subject to the UTEP's Academic Ethics and Honesty policy as outlined by: <http://academics.utep.edu/Default.aspx?tabid=23785>

- Civility Statement:** No electronic devices are allowed during class time, including cell phones, laptops, and portable music devices.
- 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.
- 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 as soon as possible