

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

Course #: 1319
Course Title: Mathematics in the Modern World
Credit Hrs: 3
Term: Spring 2017

Prerequisite for Math 1319: An adequate score on a placement examination or MATH 0310.
Course Meetings & Location: Tuesday and Thursday at 7:30am-8:50am in LART 308

Instructor: Guillermo Heredia Jr.
Office Location: Bell Hall 322
Contact Info: Phone # (915) 747-8738
E-mail address: gherediajr@utep.edu
Emergency Contact (915) 747-5761
Office Hrs: Monday/ Wednesday: 11:30am-12:20pm
Tuesday/Thursday: 9:00am-10:20am

Textbook(s), Materials: Required – The Heart of Mathematics: An Invitation to Effective Thinking, Fourth Edition, by Edward B. Burger and Michael Starbird. Recommended – It would be useful to have a scientific calculator such as the TI-30Xa or higher.

Course Objectives (Learning Outcomes): An introduction to some of the great ideas of mathematics, including current applications of logic, algebra, geometry, statistics, and other topics. Intended for students whose majors do not require MATH 2301, MATH 1508 or MATH 1411.

Course Activities/Assignments: Course activities will include classroom activities, out-of-class assignments, essays, midterm exams, and a final exam.

Assessment of Course Objectives: In-class and out-of-class assignments will be assessed for completion and correctness; essays and summaries will be scored for following directions and completion; the final exam will be scored for correctness.

Grading Policy: Grades will be assigned on the standard scale: 90 – 100% for an A, 80 – 89% for a B, 70 – 79% for a C and so on. Grades will be calculated with the following weights:
25% In-class, Out-of-class assignments, Essays
25% Midterm 1
25% Midterm 2
25% Final Exam

Make-up Policy: There are no make-ups for assignments, quizzes, or the final exam.

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Attendance Policy: Students are encouraged to attend every class.

Academic Integrity Policy: Cheating on a test or quiz will be dealt with in accordance with University regulations. This means automatic referral to and adjudication by the Dean of Students. During a test or quiz, you must present yourself in a manner that reflects an understanding of the standards of academic honesty. You may not use notes, your text, or an unauthorized calculator, and you may not at any time speak to other students or refer to their papers.

Civility Statement: Please turn off cell phones when you enter class and participate in class, active participation in this class is a vital part of your success.

Disability Statement: If a student has or suspects she/he has a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. The student is responsible for presenting to the instructor any CASS accommodation letters and instructions. For additional information, please visit the CASS website at www.utep.edu/CASS. *CASS' Staff are the only individuals who can validate and if need be, authorize accommodations for students with disabilities.*

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 me as soon as possible **before** you leave.