

Math 1319 (Math in the Modern World)
SYLLABUS (CRN 14702)

Instructor information: Jaime P. Lepe

Class meeting information: Tuesdays and Thursdays 1:30PM - 2:50PM in Liberal Arts Building 205

Contact information: jplepe@utep.edu (electronic mail)

Office hours information: Mondays 12:00PM - 3:00PM at Library Room 523

Textbook information: *The Heart of Mathematics*, Burger and Starbird, 4th edition (3rd is o.k)

Course objective's information: We will explore modern applications of accessible topics in mathematics. Appropriate real world skills will be developed using numbers, algebra, infinity, logic, geometry and probability.

Grading policy information: The assessment for the course consists of four components: Projects, Attendance/Participation, Presentation and the Final Exam.

- (1) **Final Exam (100 points):** The **Final Exam** is scheduled for **Thursday, Dec 8th 2016** from **1:00PM - 3:45PM**. It is comprehensive, mandatory and impossible to be given at an earlier or later date/time without prior approval from the math department and the dean. Please keep this in mind when making plans for end of semester travel.
- (2) **Projects (200 points):** There will be two semester projects worth 100 points each.
- (3) **Participation/Attendance (100 points).** It is expected that each student is prepared to discuss, contribute and actively participate in class discussions and activities. As such it is an absolute requirement that you are in class at all times.
 - (a) 0 -1 unexcused absence: **100 points**
 - (b) 2 unexcused absences: **85 points**
 - (c) 3 unexcused absences: **70 points**
 - (d) 4 or more unexcused absences: **0 points**
- (4) **Presentation (100 points).** Each student will make a presentation. The presentation is worth 100 points and is graded for clarity and correctness (i.e. no b.s.). The points are assessed by the class and instructor.

The course grade will be determined by taking the total points earned, dividing by the total possible number of points (500 points) a student can earn, rounding to the nearest unit, and assigning a letter grade based on the usual grading scale (90 - 100 is an *A*, 80 - 89 is a *B*, etc.):

Drop deadline information: **October 28th, 2016**. The deans office will **NOT** approve **ANY** drops after this date.

Lecture style information: Casual introduction to the main topic with in-class/group activities. Active participation is a requirement. Applications to "this" real world will be emphasized at all times.

Civility information: **NO MOBILE PHONES**, walkmans or other disturbances.