Math for Liberal Arts II – Spring 2023
MATH 1333.001

Instructor: Fara Meza
Office: RBN 4049
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Class Time: T TR 2:00 pm – 3:20 pm
Office Hours: Tuesday 1:00- 1:50pm and Wednesday 2:30-3:20 pm. any other time by appointment

Text: The Heart of Mathematics: An Invitation to Effective Thinking, 4th Edition. By Edward B. Burger and Michael Starbird

Course Description
Topics may include statistics, probability, combinatorics, game theory, voting theory, and mathematics of finance. Students who receive credit for MATH 1333 may not also receive credit for MATH 1342. **Prerequisite**: MATH 1314, MATH 1324, or MATH 1332.

Student Learning Outcomes:
By the end of this course the student should be able to:
* Give reasoned, quantitative analysis to situations that involve random process and likelihoods
* Organize, describe and summarize a collection of data.
* Understand the important role mathematics can play in making choices in everyday life.
* Logically communicate mathematical ideas using clear and concise mathematical language, including terminology, notation and grammar.

Grades
Your final grade will be determined by the following categories:

Attendance and *Class Participation*	**05%**
Quizzes	*25%*
Project	*10%*
Exams	*36%*
Final Exam	*24%*

The grade scale is:

90% or better	A
80% to less than 90%	B
70% to less than 80%	C
60% to less than 70%	D
Less than 60%	F

Please note that an "I" grade will only be given in extremely rare circumstances caused by emergency situations (medical emergencies, etc).

Attendance
Make sure you attend class every day is very important for your success. **Late work will not be accepted and make-up examinations will not be given** *except for official University absences*

Quizzes
 A short quiz will be given per week; quizzes will be given at the beginning of class (make sure to be on time). At the end of the semester one quiz will be drop (The one with the lowest grades)

Homework
 Will be assigned during each section.
Be prepare to discuss and critique the ideas found in the exercise, your solutions and your thought process in class.

Projects
 You will be asked to complete one project during the semester: a problem solving project that uses the techniques from the course to solve a nonroutine problem that we have no considered in class.

Exams
 There will be three exams (one at the end of each chapter) and a <u>comprehensive final exam</u>.

Classroom Policy
Please be respectful of the students around you at all times. This means that you should turn your cellular phones' ringers off, put your MP3 player away, and keep the classroom clear of distractions like unnecessary talking. Also, make sure you show up to class on time and stay the whole time.

University Policies: Information on University policies concerning the following topic- scan be found at:

http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf