

Math for Liberal Arts II – Spring 2021

MATH 1333.001

Instructor: Fara Meza

Office: RBN 4049 *Online*

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Class Time: T TR 2:00 pm – 3:20 pm

Office Hours: Via zoom Monday and Wednesday 2:30 pm to 3:30 pm and Tuesday: 12:30pm to 1:30pm (prior appointment) 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 <i>Class Participation</i>	05%
<i>Quizzes</i>	20%
<i>Homework</i>	7%
<i>Project</i>	8%
<i>Exams</i>	60%

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) Check the calendar for the dates

Exam 1: Chapter 8

Exam 2: Chapter 9

Exam 3: Chapter 10

Important dates:

January 18: Martin Luther King Jr. (Holiday)

March 8-13: Spring break

March 29: Last day to withdraw from one or more courses

April 27- 30: Final Exams

Classroom Face to face and Zoom Policy

Please be respectful of the students around you at all times. This means that you should turn your cellular phones' ringers off, 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>

Additional Syllabus Information

Important Covid-19 Information for Classrooms and Laboratories

Students are required to wear face masks covering their nose and mouth, and follow social distancing guidelines, at all times in public settings (including classrooms and laboratories), as specified by [Procedures for Fall 2020 Return to Normal Operations](#). The UT Tyler community of Patriots views adoption of these practices consistent with its [Honor Code](#) and a sign of good citizenship and respectful care of fellow classmates, faculty, and staff.

Students who are feeling ill or experiencing symptoms such as sneezing, coughing, or a higher than normal temperature will be excused from class and should stay at home and may join the class remotely. Students who have difficulty adhering to the Covid-19 safety policies for health reasons are also encouraged to join the class remotely. Students needing additional accommodations may contact the Office of Student Accessibility and Resources at University Center 3150, or call (903) 566-7079 or email saroffice@uttyler.edu.

Recording of Class Sessions

Class sessions may be recorded by the instructor for use by students enrolled in this course. Recordings that contain personally identifiable information or other information subject to FERPA shall not be shared with individuals not enrolled in this course unless appropriate consent is obtained from all relevant students. Class recordings are reserved only for the use of students enrolled in the course and only for educational purposes. Course recordings should not be shared outside of the course in any form without express permission.