

Math for Liberal Arts I – Online Course

MATH 1332.060

Instructor	Fara Meza
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Course Format	Online course with weekly Zoom meetings
Weekly Zoom Meeting	Day and time to be determined
Office Hours	By appointment; additional office hours will be announced in Canvas

Textbook

The Heart of Mathematics: An Invitation to Effective Thinking 4th Edition By Edward B. Burger, Michael Starbird. **Access to WileyPLus** 978EEGRP43640

Course Description

Topics may include logic and mathematical reasoning, sets, problem solving, applications, networks, graphs, geometry, and number theory.

Prerequisite

Two years of high school algebra, one year of high school geometry, satisfactory score on SAT, ACT, or THEA. Credit not given for both MATH 1332 and MATH 1314 or MATH 1324.

Student Learning Outcomes

By the end of this course, the successful student should be able to:

- Use facts about numbers, including the Pigeonhole Principle and prime numbers, to solve real-world problems.
- Discuss the differences between the cardinalities of sets, including finite sets, the natural numbers, rational numbers, and real numbers.
- Describe basic facts about the Platonic solids and their duals.
- 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:

Category	Weight
Attendance and Participation	5%
Quizzes	20%
Projects	15%
Three In-Person Exams	60%

Grade Scale: A = 90–100% | B = 80–89% | C = 70–79% | D = 60–69% | F = below 60%

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

Online Attendance and Participation

Because this is an online course, regular participation is essential for success. Students are expected to attend and actively participate in the weekly Zoom meetings and to stay current with all course announcements, assignments, quizzes, and materials posted in Canvas. Students are responsible for checking Canvas regularly. Late work will not be accepted unless an exception is approved for an official University absence or documented medical excuse.

Weekly Zoom Meetings

A live Zoom meeting will be held each week. The meeting day and time will be announced in Canvas. Zoom meetings will be used to review course material, discuss assignments, answer questions, and prepare for quizzes, projects, and exams. Students should come prepared to participate and ask questions.

Quizzes

A short quiz will be assigned online each week. Quiz availability and deadlines will be posted in Canvas. At the end of the semester, the lowest quiz grade will be dropped. Quizzes must be completed by the posted deadline.

NO LATE QUIZZES!

Homework

Homework will be assigned throughout the course and posted in Canvas using WileyPlus. Students should be prepared to discuss and critique the ideas found in the exercises, their solutions, and their thought process during the weekly Zoom meetings.

Projects

You will be asked to complete three projects during the course. Additional instructions, deadlines, and submission information will be provided in Canvas.

Mandatory In-Person Exams

There will be three mandatory in-person exams. Exam dates, times, and the on-campus location will be announced in Canvas as soon as they are finalized. Students enrolled in this online course are required to attend these exams in person.

- Exam 1: Chapters 2 and 3
- Exam 2: Chapters 4 and 5
- Exam 3: Chapters 6 and 7

Make-up examinations will not be given except for official University absences or documented medical excuses. Students should plan accordingly once exam dates and times are announced.

Final Exam

There is no final exam for this course.

Online and Zoom Course Policy

Please be respectful of your instructor and classmates during all online interactions. During Zoom meetings, students should minimize distractions, remain attentive, and use professional and respectful communication. Course communication, assignments, announcements, and important updates will be provided through Canvas.

AI is not permitted in this course at all

I expect all work students submit for this course to be their own. Doing your own work, without human or artificial intelligence assistance, is best for your efforts in mastering course learning objectives. For this course, I expressly

forbid using ChatGPT or any other artificial intelligence (AI) tools for any stages of the work process, including brainstorming. Deviations from these guidelines will be considered a violation of UT Tyler's Honor Code and academic honesty values.

University Policies

For University policies concerning Students' Rights and Responsibilities, Grade Replacement/Forgiveness, State-Mandated Course Drop Policy, Disability Services, Student Absence due to Religious Observance, Student Absence for University Sponsored Events and Activities, and the Social Security and FERPA Statement, please see: <http://www.uttyler.edu/academicaffairs/files/syllabuspolicy.pdf>