

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICS

Course: Math 3300 CRN 11732

Instructor: Tuesday J. Johnson

Office: ~~Bell Hall 119~~ Online Only this semester

Email: tjohnson3@utep.edu

Office Hours: Via email 8am – 12 noon, Monday – Thursday, meetings on BB Collaborate Ultra as requested.

Meeting Time and Place: Online Only via Blackboard

Text: A History of Mathematics, 3rd ed, Merzback and Boyer, Wiley. ISBN 978-0-470-52548-7

Course Content: The student will investigate the history of Mathematics from earliest records until just prior to the development of Calculus in the 17th century. The material will include historical information as well as investigating problems associated with various epochs of history. Students will be required to solve problems as well as learn history.

Requirements: You will have two major assignments, each worth 100 points. You will also have 10 weekly assignments worth 10 points each.

Grading:	Biographical Research	100 pts
	Timeline	100 pts
	<u>Weekly Assignments</u>	<u>100 pts</u>
	Total	300 pts

Grades will be assigned as follows:

270 – 300 pts	A
240 – 269 pts	B
210 – 239 pts	C

180 – 209 pts	D
Less than 180 pts	F

Biographical Research: This will be a formal paper, but we will have a class librarian to assist with research strategies and accessing the library remotely. More information can be found in the Administrative folder on Blackboard.

Timeline: You will be asked to create a timeline of a specific era indicating major mathematical discoveries, major mathematicians, and world history outside of mathematics. More information can be found in the Administrative folder on Blackboard.

Weekly Assignments: A total of ten weekly assignments will be assigned throughout the semester. You will work on these assignments through group discussion with a final draft for each student (individually) due at the end of the week. Small groups of 5 – 7 students will be preassigned and will rotate every three weeks so that you have a chance to work with the majority of your classmates by the end of the semester. These weekly assignments will be focused on Euclid's *Elements* as related to the week's readings.

Electronic Devices: This is an online class but I encourage you to silence your phone while working on homework for this class and all others. Take a 5 – 10 minute tech break every hour or two to check texts, chats, messages, and social media but set a timer so you don't lose your entire day to a "break."

Academic integrity: You will be expected to adhere to the Universities code of academic integrity and any violation will be dealt with according to University policy.

Due Dates: All due dates are strictly enforced. If your assignment is late, it will not be graded without appropriate documentation of excuse according to UTEP standards. All late assignments will receive a grade of 0, unless documentation is provided within one week of the due date.