

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE

DEPARTMENT OF MATHEMATICS

Course: Math 3300 CRN 26590

Instructor: Tuesday J. Johnson

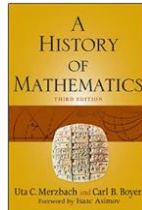
Office: Online Only

Email: tjohnson3@utep.edu

Office Hours: Available by appointment 10:00 AM MT – 2:00 PM MT Wednesday, Thursday, and Friday. Use the scheduler on Blackboard to make an appointment.

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 just prior to the development of Calculus in the 17th century through modern times. 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.

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|----------|---------------------------|----------------|
| Grading: | History of a Concept | 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 |

If the S/U grading option is enabled, you will need to earn A, B, or C to receive an S while a D or F will earn a U.

History of a Concept: 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 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 on Blackboard.

Weekly Assignments: A total of ten weekly assignments will be assigned throughout the semester. You will work on these assignments through group discussions with assigned groups for the beginning of the semester and student chosen groups for the end of the semester. Some assignments will require individual submissions while others will required each group to submit one final draft due at the end of the week. Small groups of 5 – 7 students will be preassigned and will rotate every two weeks of the semester.

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.