

MATH 101-001: Math in the Social Sciences, Fall 2023

Instructor: Dr. Michael Epstein (michael.epstein@colostate.edu)
Office Hours: Tuesdays 10am-12pm in Walnut 119
Class Meetings: TT 8:00-9:15am, Johnson Hall Room 222

Prerequisite: None.

Course Overview: Voting theory, power indices, fair division, apportionment, circuits and trees, list processing, descriptive statistics, probability. Does not satisfy the prerequisite for MATH 117. Must register for lecture and laboratory. Sections may be offered: Online.

Textbook: Excursions in Modern Mathematics, ninth edition, by Peter Tannenbaum. The electronic version of the book is included in your MyLab Math inclusive access.

Calculators: A scientific calculator is recommended for this course. You may not use a cell phone, computer, or tablet as a calculator on any quiz or test.

Important Dates:

Last day to add without override:	Aug 27	Last day to add with override:	Sep 6
Last day to drop:	Sep 6	Last day to withdraw:	Nov 10

EXAM SCHEDULE:

- Exam 1: Tuesday, September 19
- Exam 2: Thursday, October 19
- Exam 3: Thursday, November 16
- Final Exam: Tuesday, December 12, 6:20pm-8:20pm

Grading:

Homework: 10%
Quizzes: 20%
Exam 1: 15%
Exam 2: 15%
Exam 3: 15%
Final Exam: 25%

Grade Distribution The grade distribution will be no stricter than the following:

A: 90%-100%
B: 80%-89%
C: 70%-79%
D: 60%-69%
F: Below 60%

Exams There will be three midterm exams and a cumulative final exam. The exams will be taken in class on the dates are listed above. They will be multiple choice with bubble sheets. No make up exams will be given, except for university excused absences with appropriate documentation. At the end of the semester, the lowest midterm score will be replaced with the final exam score if it is higher.

It is crucial that you fill out your exam bubble sheet header clearly and correctly; failure to do so may result in you not receiving a score on the exam.

Homework and Quizzes Homework and quizzes will be online through MyLab Math. We will have one homework assignment and one quiz due most weeks during the semester. Homework and quizzes will generally be due on Tuesday evenings, with a couple of exceptions:

- Homework 4 is due on Monday, September 18 (before the exam the next day), and
- Homework 13 and Quiz 10 are due on Friday, December 8 (the last day of classes)

Each homework assignment and quiz will typically cover the material from the previous week. You will have two attempts to complete each quiz, and the higher score will count. If you don't do well the first time, you are strongly encouraged to review the relevant material and solve practice problems in the MyLab Math Study Plan before retaking a quiz. At the end of the semester, one homework assignment and one quiz will be dropped.

Keep in mind that there are occasional technical difficulties with MyLab Math, so students are strongly encouraged not to wait until the last minute to submit assignments and quizzes. No extensions will be given for MyLab Math technical issues. For questions about MyLab Math, you can contact technical support by phone at 844-292-7015 or at <https://support.pearson.com/getsupport/s/>.

Announcements Important course information, updates, and announcements will be posted to Canvas. Be sure to check Canvas regularly for the latest information and announcements.

Accommodations: Colorado State University is committed to providing reasonable accommodations for all persons with disabilities. Students with disabilities who need accommodations must first contact the Student Disability Center before requesting accommodations for this class. The Student Disability Center (<https://disabilitycenter.colostate.edu/>) is located in TILT, room 121. Their phone number is 970-491-6385. Students who need accommodations in this course must contact the instructor in a timely manner (at least one week before examinations) to discuss needed accommodations.

Academic Integrity: This course will adhere to the CSU Academic Integrity Policy as found on the [Student' Responsibilities page of the CSU General Catalog](#) and in the [Student Conduct Code](#). The following are all violations of the Academic Integrity Policy:

- Cheating; includes using unauthorized sources of information and providing or receiving unauthorized assistance on any form of academic work or engaging in any behavior specifically prohibited by the faculty member.
- Plagiarism; includes the copying of language, structure, ideas, or thoughts of another, and representing them as one's own without proper acknowledgment.
- Unauthorized Possession or Disposition of Academic Materials; includes the unauthorized selling or purchasing of examinations or other academic work; stealing another student's work; unauthorized entry to or use of material in a computer file; and using information from or possessing exams that an instructor did not authorize for release to students.
- Falsification; any untruth, either verbal or written, in one's academic work.
- Facilitation; knowingly assisting another to commit an act of academic misconduct.

You may not use the textbook, class notes, electronic devices (other than an approved calculator), or other resources on any quiz or test. You may not receive assistance from another person on any quiz or test. Using any unauthorized assistance on a quiz or test will be considered cheating.

You may work with a classmate or tutor on homework problems but you may not submit the problems to homework help websites.

Violations may result in a grading penalty in this course and/or a report to the Office of Student Resolution Center.

University Resources and Policies You can find some information on university policies and resources available to you at the following page: <https://col.st/2FA2g>