

Exploring topics and careers in mathematics

Math 130

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Office Hours
MW 10:30-12 and TR 10-12
Or by appointment

1 Overview

Welcome to Math 130. Here is the UNM course description.

This introduction course will prepare students planning to major in Mathematics or Statistics. The course will emphasize career options, concentrations, and research and job opportunities. Activities are designed to engage students in their chosen field. Prerequisites/placement: Successful completion of MATH 123 and MATH 150, or ACCU-PLACER score of 100-120 (College-Level Math) or $ACT \geq 32$ or $SAT \geq 700$.

In this course, we are going to work on projects that give students an idea of what it is like to pursue a career in mathematics. In particular, we will learn how to prove and present mathematical results. The class will lead up to a final paper that students will complete in groups.

2 Attendance Policy

Attendance in the course is required. If a student misses two classes in the first two weeks of the semester, three consecutive class periods or five total, I reserve the right (but not the obligation) to drop the student from the class. If you stop attending class for any reason, it is your responsibility to make sure you dropped the class, or risk getting a failing grade.

3 Course Structure

The class will be made up entirely of projects and the final paper, all of which will be done in groups.

4 Grading Policy

Your grades will be calculated as follows.

<u>Requirement</u>	<u>% of Grade</u>
1. Attendance	20%
2. Projects	60%
5. Final Paper	20%

5 A note on academic integrity

We will follow university policy and on academic integrity.

Having academic integrity is paramount to your success in any class. Plagiarism or cheating is not tolerated. Any instance of this will result in a grade of zero for that assignment. Here is the link to the UNM Academic Dishonesty Policy: <https://policy.unm.edu/regents-policies/section-4/4-8.html>. The policy states:

Each student is expected to maintain the highest standards of honesty and integrity in academic and professional matters. The University reserves the right to take disciplinary action, up to and including dismissal, against any student who is found guilty of academic dishonesty or who otherwise fails to meet the expected standards. Any student judged to have engaged in academic dishonesty in course work may receive a reduced or failing grade for the work in question and/or for the course.

Academic Dishonesty is defined as: "Academic dishonesty" includes, but is not limited to, dishonesty in quizzes, tests, or assignments; claiming credit for work not done or done by others; hindering the academic work of other students; misrepresenting academic or professional qualifications within or without the University; and nondisclosure or misrepresentation in filling out applications or other University records.

6 Students with Disabilities

If you have a documented disability, please provide me with a copy of your letter from Equal Access Services as soon as possible to ensure that accommodations are provided in a timely manner.

7 EQUAL OPPORTUNITY AND NON-DISCRIMINATION:

In an effort to meet obligations under Title IX, UNM faculty, Teaching Assistants, and Graduate Assistants are considered "responsible employees" by the Department of Education (see page 15 - <http://www2.ed.gov/about/offices/list/ocr/docs/qa-201404-title-ix.pdf>). This designation requires that any report of gender discrimination which includes sexual harassment, sexual misconduct and sexual violence made to a faculty member, TA, or GA must be reported to the Title IX Coordinator at the Office of Equal Opportunity (oeo.unm.edu). For more information on the campus policy regarding sexual misconduct, see: <https://policy.unm.edu/university-policies/2000/2740.html>.

Note: This syllabus is subject to change, if needed.