

**MATH 431: GEOMETRY FOR COMPUTER
APPLICATIONS
FALL 2022**

- **Instructor:** William (Bill) Goldman, wmg "AT" umd.edu
- **Office Hours:** MTH 3106, Tuesdays 2:00–2:45 or by appointment
- **Assistant:** Noah Chrein, nchrein "AT" terppmail.umd.edu
- **Meeting Times:** Tuesday-Thursday 9:30–10:45. EGR 0135
- **Course resources:** This course is under development and will use notes available on ELMS written by Goldman and Justin Wyss-Gallifent in previous editions of the course.

- **Homework and class presentations:** Practice is the key to understanding many mathematical concepts, so completing homework problems is crucial. Homework problems will be given on Tuesdays and due one week later. If your work is late, please contact us about an extension. Visit the website periodically to be aware of any updates or changes. You may freely discuss the homework with others, but the work submitted must be your own, written in your own words. The quality of presentation of solutions is taken seriously, and your homework will be graded for correctness and completion.

In the second half of the course, the course will switch to in-class presentations alternating with lectures.

- **Grading:** There will be one midterm exam, scheduled on Thursday October 20. The grades will be weighted 25% for written homework, and 35% for each of the two midterm exams, and 40% for classroom presentations.
- **Make-up and special accommodations:** Make-up exams will be given only in case of serious unforeseen emergencies.

If you have a legitimate conflict with an exam, notify me before Monday September 12. If you need special accommodations, visit the *Accessibility and Disability Service* (ADS) office and provide documentation by September 12. For more information, see

www.ugst.umd.edu/courserelatedpolicies.html.

- **Attendance policy:** Please try to attend class. Contact me in case you have to miss a class. Also contact other class members or us for lecture notes and announcements.
- **Academic honesty:** Cheating on the exam is strictly prohibited and will result in serious consequences. In particular, cheating may result in an "F" for the course and be reported to both the student's college and the Office of Student Conduct. Academic dishonesty in any form will be vigorously prosecuted.
- **Classroom Etiquette:** Lectures are device-free in general: no phones or laptops, unless we are working with technology in class. Please silence phones.

All class members are expected to follow current university and county regulations regarding the wearing of hygienic face coverings. If you are feeling sick, *please do not come to class*. If this entails missing an assignment notify us promptly and we will arrange an alternative.

- **Important dates:**
 - First class: Tuesday, August 30
 - Special accommodations, Add/Drop date:
Monday, September 12
 - Midterm examination: Thursday October 20.
 - Thanksgiving: Thursday, November 24 (no class)
 - Last class: Thursday December 8