

# Geometry of the Globe

Math 202, Fall 2021

Meetings: MW 9:00–9:50, 252 Straub Hall  
Instructor: Nick Addington  
Office: 208 Fenton Hall  
E-mail: [adding@uoregon.edu](mailto:adding@uoregon.edu)  
Office Hours: Fridays 9:00–9:50, and by appointment.  
TA: Corey Brooke  
Office: 312 Fenton Hall  
E-mail: [cbrooke@uoregon.edu](mailto:cbrooke@uoregon.edu)  
Office Hours: Mondays 11:00–1:00 and Fridays 12:00–2:00 in Fenton Hall 3rd floor atrium.  
Web Page: <http://pages.uoregon.edu/adding/courses/202/>

This course consists mainly of small group discussions and writing. I'll do some lecturing, but hopefully not much. It is a 2-credit course, so you should expect to spend 4 hours a week outside of class. Grading is pass/no pass, with a passing grade of 85%, based on the following:

- **Biweekly write-ups (50%).** First drafts due Mondays. You'll be assigned two of your colleagues' write-ups to read, and give them feedback by Wednesday. The TA will also give feedback. A revised version will be due the following Monday.

Everything will be submitted through Canvas. You must use  $\text{\TeX}$ , the standard software for typing mathematics; we will provide resources to help you learn it.

- **Engagement (25%).** You should participate in small group discussions, or if you need to miss class, have a look at the day's worksheet on Canvas and email us one or more questions. *Please do not come to class if you feel sick.* You should also give timely and meaningful feedback on your colleagues' write-ups.
- **Final project (25%).** Choose a topic from course that you'd like to pursue further and in more depth, or a related topic that you'd like to explore. Topic due Friday, November 12; outline due Friday, November 19; draft due Friday, December 3; finished project due Friday, December 10.

**Learning outcomes.** The goal of the Math Labs is to help students make the transition from the kind of “procedure-driven” mathematics that they see in K-12 education (and that to some extent continues in lower-division college courses) to the more creative engagement with mathematics that is required for upper-division math courses. Students will get practice writing mathematics rather than just calculating, and discussing and thinking about open-ended questions. They will learn the basics of  $\text{\TeX}$ .