

MATH 331
FALL 2008

General Information.

Instructor: Bart Snapp
Email: snapp@coastal.edu
Room and Time: MWF 10:30–11:20 110 Wall Building
Office: 101H Wall Building
Office Hours: MWF 1:30–2:30 or by appointment.
Class Webpage: <http://ww2.coastal.edu/snapp/331/>
Deadline to Drop: Monday, August 25th, 2008
Friday, October 24th, 2008 (W)
Friday, December 5th, 2008 (WF)
Textbook: *Geometry: A metric approach with models.* Millman and Parker.

Grading. Your grades will be based on the following:

- 50% for homework.
- 50% for exams.

0–59%	F	65%–69%	D+	75%–79%	C+	85%–89%	B+	90%–100%	A
		60%–64%	D	70%–74%	C	80%–84%	B		

You can check your grades at anytime using Blackboard. Check out:

<http://bb.coastal.edu/>

Homework. All homework should be neat, one-sided, easy to read, and stapled (if more than one page). If you do not follow these instructions, I reserve the right to give you **no credit** for your work. See the homework rubric for more information on how your homework will be graded.

You may work in groups on your homework but each of you must hand in your own work, in your own words. **Answers that correspond with those of your classmates verbatim are not acceptable.**

Exams/Final. We will have an exam upon each completion of 2 chapters. The exams will be announced at least a week in advance. We will discuss their format in class.

- The final is on Wednesday, December 10th 1:30PM–3:30PM.

Student Learning Outcomes.

- Write formal proofs concerning geometry.
- Understand a formal and modern approach to geometry.
- Develop a collection of examples from which to build geometric intuition including but not limited to the Euclidean plane, the Poincaré plane, and the Taxicab plane.
- Understand the basic notions and applications of abstract geometries, metric geometries, geometric figures, plane separation, and neutral geometries.

Policies. The University requires you to attend at least 75% of classes during the semester. Absences, whether excused or not, do not absolve you from your responsibility to keep informed as to the goings-on in this class. Please get the notes from any class missed from another student. Remember, **you miss school, you miss out!**

Any student with a documented disability needing academic adjustments or accommodations is requested to speak with me during the first week of class. All discussions will remain confidential.

Course Overview. In this class we will work through chapters 2–6 and chapter 11, time permitting.