

Syllabus
Math 470: Topics in Geometry
Fall 2008

Chad Sprouse
Office: FOB 420
Hours: M,W 5:30-7:00
Email: chad.sprouse@csun.edu
Web: <http://www.csun.edu/cs54650>

Coverage: Isometry groups of \mathbb{R}^2 and \mathbb{R}^3 and their finite subgroups, then spherical geometry and hyperbolic geometry.

Grades: You are guaranteed at least the following grades for the corresponding percentages,

- $\geq 90\%$ -A
- $\geq 80\%$ -B
- $\geq 70\%$ -C,

when computed from the following:

- Exams: 50%
- Homework: 30%
- Individual Project: 20%

+ **and -:** I give them. Note that for instance a 90.00000 will always be an A, not an A-, while an 89.9999 could be anything from a B to an A.

Exams: In class exams for the whole class time. I expect we'll have around 3, but I'd like to keep some flexibility there.

Make up exams: I usually don't give them. If you tell me something in advance, which means around at least around a week prior to the exam then maybe we can work something out.

Homework: I'll give homework on most class days. You are allowed to work together, BUT any homeworks that resemble each other too closely will ALL get 0's. That is, you must write things up in your own words. Similarly homeworks that resemble other sources too closely (books or internet) could also get 0's.

Project: An expository article written about a topic related to the class. Part of the grade will also be based on an oral presentation. All references used in the article must be explicitly cited to avoid plagiarism issues (see below). Again, your writing should not resemble these sources too closely for credit .

Cheating: This is covered in Section C of the student catalog... don't do it.