

Math 623. Geometry.
Spring 2004. Course No. 15783

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FOB 430

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Class Meets: Mondays and Wednesdays, 7–8:15 pm, JR 215

Office Hours: Mondays and Wednesdays, 3–4 pm and 5:30–6:30 pm, and by appointment.

Course Web Page: <http://www.csun.edu/~ac53971/courses/math623/>

Course Blog: <http://math623.blogspot.com/>

Textbook: There is no official textbook for this class, but the following texts are recommended (they are available at the Matador Bookstore)

- *Geometry of Surfaces*, by J. Stillwell
- *Glimpses of Algebra and Geometry*, by G. Toth

Homework: Late homework is accepted; however, it will be penalized at a rate of 20% per day. There will also be a penalty for not turning in homework.

Exams: There will be two midterms exams on the following dates

- First Midterm: Wednesday, March 10
- Second Midterm: Wednesday, April 28

Journal: Each student should keep a journal for this course. This journal will include:

- Specific assignments that you have been asked to do for your journal.
- General comments about the class, things that you do not understand, things that you finally do understand, different ways of approaching theorems and proofs, etc.
- Anything interesting and imaginative. Things that you think about motivated by the material in class or related material that you read about elsewhere.

In writing in your journal, exposition and presentation are important. For example, if you are giving an answer to a question, explain clearly what the question is. Write so that anyone, several years from now, can read your journal.

Journals will be collected every two weeks to be read and commented on, and then returned to you. It is a good idea to keep journals on loose leaf; this way you can hand in those parts which have not been read, and continue working on further entries.

Geometry Project: In place of the final exam, you will write a paper on a geometry project and you will give a presentation in class based on your project. A project could be

based on a topic in the textbook that was not (fully) covered in class. I will also post a list of suggestions. It is a good a idea to start planning your project early in the semester.

Grades: Your final grade will be determined as follows

- 10% Homework
- 20% Journal
- 20% Each of the 2 midterms
- 30% Geometry Project and presentation

I will use +/- when assigning your final grade.

Cooperation: Your are encouraged to collaborate with others in working on anything in this course, but what you put down in your journal and homework assignments must be your own. If it is something that has emerged from work with other people, write down their names. Ideas and material that has come out from other people or other sources should be given proper attribution or reference.

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