Instructor: David Singman

Office and Hours:  Exploratory Hall, Room 4203, T, Th 12:00-1:30pm and by appointment.

E-mail and Telephone: dsingman@gmu.edu, (703)-993-1476. If I am unavailable, e-mail is the best way to get in touch with me.


Syllabus: We will try to cover selections from Chapters 1 through 11. The titles of those chapters are as follows:

- Chapter 1: Prologue: Euclid’s Elements
- Chapter 2: Axiomatic Systems and Incidence Geometry
- Chapter 3: Axioms for Plane Geometry
- Chapter 4: Neutral Geometry
- Chapter 5: Euclidean Geometry
- Chapter 6: Hyperbolic Geometry
- Chapter 7: Area
- Chapter 8: Circles
- Chapter 9: Constructions
- Chapter 10: Transformations
- Chapter 11: Models

Web page: A web page has been set up for the course. It is your responsibility to monitor it each day for updates. On it I will post announcements relevant to the course, practice problems to work in order to prepare for class, graded homework assignments, copies of tests once given and their solutions, etc. You can find it by going to http://math.gmu.edu where you will see a link to “course home pages” on the left center of the page. After you click on it you will find a link to our course web page.

Practice Problems from the text: This is a list of problems from the text that I will post on the web page for the course and which will be updated regularly. Your work on these problems will not be turned in for credit, but it is important to do as many of them as possible in order to get the most out of the lectures.

Graded Homework Problems: These are the problems which will be done for credit. They will be posted on the web page for the course. As they are done for credit, it will be considered an honor code violation if the work you turn in is not entirely your own.

Class tests: There will be three class tests given during class time on the following days:

<table>
<thead>
<tr>
<th>Test</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Thursday September 26</td>
</tr>
<tr>
<td>2</td>
<td>Thursday October 24</td>
</tr>
<tr>
<td>3</td>
<td>Thursday November 21</td>
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</tbody>
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Final Exam: The final will be held on Tuesday, December 17, from 10:30a.m.-1:15pm. It will be a cumulative exam that covers the main ideas of the course.
Grading: Each of the class tests counts for 15%, the graded homework for 20%, and the final exam for 35%. There will be no make-up tests. In case one of the class test scores is lower than that of the final exam (including a class test that is missed), consideration will be given by counting the final exam in its place for 15% extra.

Scale: A−, A, A+ 90-92, 93-96, 97-100; B−, B, B+ 80-82, 83-87, 87-89; C, C+ 70-76, 77-79; D 60 - 69; F 0 - 59.

Office of Disability Services: If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703/993-2474. Their web page is at http://ods.gmu.edu/. All academic accommodations must be arranged through that office.