

Mathematics 338 Spring 2008

Professor: Dr. Maria Fung
Office: AA 305

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CLASS MEETS

8:30-9:50

on Tuesday and Thursday

Dr. Fung's OFFICE HOURS & SCHEDULE

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:30-9:50	Prep	Math 338	Prep	Math 338	Prep
10 – 11	Math 280	<i>Office Hour</i>	Math 280		Math 280
11 – 12					
12 – 1	<i>Office Hour</i>		<i>Office Hour</i>		<i>Office Hour</i>
1 – 2					
2 – 3	<i>Office Hour</i>				
3 – 4					
4:00-5:50	Math 495/595		Math 495/595		

Office hours are for you, so please do come to introduce yourself in more detail to me and feel free to drop by for help. At times other than my listed office hours you are welcome and encouraged to call or email me with questions about the course or make a special appointment to see me.

PREREQUISITES: Math 254 with a grade of C- or better. Mth 280 is recommended.

REQUIRED COURSE MATERIALS:

- ❖ “Euclidean and Non-Euclidean Geometries Development and History” by Marvin Jay Greenberg, Third or Fourth Edition, Freeman

CLASS WEB PAGE

There will be a link for the Math 338 web page on my home page:

<http://www.wou.edu/~fungm>

COURSE PURPOSE and CONTENT

The purpose of this course is to let mathematics majors and minors experience a selection of topics in geometry. This emphasis in this course will be on proof from an axiomatic viewpoint. Students will practice constructing, writing, critiquing, and presenting proofs in the context of learning about geometry.

COURSE STRUCTURE

Class will be a mix of lecture, in-class activities both individually and in groups, and discussion. Please bring your text to class every day!

ATTENDANCE

Daily attendance is required for your success in this course. If you miss class, it is your responsibility to ask a classmate about what you have missed. I will not have discussion notes available if you have missed class nor will I repeat my discussion during office hours

HOMEWORK

Homework from our textbook will be assigned weekly and will be due on Thursdays. Completing your homework in a timely fashion will be integral to your success in this course.

EXAMS

There will be two exams in this course: a midterm and a final exam. The midterm will be announced ahead of time and it is tentatively scheduled for week 6. The final exam will have two parts: a take-home part and an oral part. You will be in groups of 2-3 students for the oral part of the final and you will need to complete two tasks. The take-home part will be a standard exam.

FINAL PROJECT

You will be assigned to do a final group project in this course. This project will focus on a topic in geometry that we have not covered in the class. It will be your responsibility (with my help) to learn about this new topic and present it to your classmates.

COURSE GRADING

Homework	40% of grade
Final Project and Presentation	20% of grade
Midterm Exam	20% of grade
Final Exam	20% of grade

READINGS: Reading each assigned section of the textbook before coming to class is mandatory. There will be outside reading assignments as a supplement to this course as well.

PORTFOLIO: At the end of the course, I expect each of you to turn in a folder with all your work for this course. I expect you to turn in your homework assignments, drafts, class work, project work, and a reflective essay about your experiences in the course.

TENTATIVE SCHEDULE: We will attempt to get through the core chapters of the textbook: selections from chapters 2-7.

LATE WORK POLICY: Your work is due by 4 p.m. on the due date. All due items may be turned in, unexcused, 1 class day late (by 12 noon) for 75% credit or 2 class days (by 12 noon) late for 50% credit. Any item turned in after 4 p.m. on a due date will be considered late.

LEARNING DISABILITIES: If you have a documented learning disability, please talk to me during the few days of class, I will be more than happy to accommodate you in any way that I can. You must go to the Office of Disability Services (ODS) for appropriate coordination of your accommodations. You can go by APSC 405 or contact ODS at (503) 838-8250 to schedule an appointment.

INCOMPLETE POLICY: If you are passing this course and have a documented reason for not being able to complete the course, I may be able to grant you an incomplete. You must obtain my agreement if you wish to have a grade of incomplete recorded.

STANDARD GRADING SCALE FOR THIS COURSE

(Total % for the course, usual rounding rules apply)

%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
93 – 100	A	90 – 92	A-	87 – 89	B+	83 – 86	B	80 – 82	B-
%	Grade	%	Grade	%	Grade	%	Grade	%	Grade
77 – 79	C+	73 – 76	C	70 – 72	C-	60 – 69	D	Below 60	F