



MTG 3212 Geometry — Spring 2015

Section 8789, Little Hall 201

MWF 5th period (11:45 – 12:35)

Professor Bruce H. Edwards

409 Little Hall
 (352) 294-2303
 bruceedwards@ufl.edu

Office Hours

Monday, Wednesday, Friday 9:00 – 10:30. Also by appointment.

Daily Schedule — Lecture topics and homework assignments

Course Goals

This course is an axiomatic treatment of topics in Euclidean and non-Euclidean geometry. Our course goals include writing clear mathematical proofs and explaining mathematical ideas precisely. This course is particularly useful for prospective secondary-school mathematics teachers.

Prerequisites

Grade of C or better in Calculus 2 (MAC 2312, MAC 2512 or MAC 3473)

Textbook

Foundations of Geometry by Gerard A. Venema, 2nd edition, Pearson, 2012

Website

<http://people.clas.ufl.edu/bruceedwards/mtg-3212-geometry/>

Homework and Participation

Exercises from the text will be assigned and discussed in class. You will be asked to explain your solutions on the blackboard ("participation"). Hence, you are expected to complete all assignments and be prepared every day. Each student will be assigned one theorem to present to the class. Some written work will be handed in and graded ("homework"). You must work alone on this written homework.

Tests (Written medical documentation is required for makeup tests.)

Test 1: Friday, February 6
 Test 2: Wednesday, March 18
 Test 3: Friday, April 17

200 Total Points

- Three 50-point tests: 150
- Participation: 40
- Homework: 10

Grade

- A: 90 – 100%
- A-: 87 – 89.99%
- B+: 84 – 86.99%
- B: 80 – 83.99%
- B-: 77 – 79.99%
- C+: 74 – 76.99%
- C: 70 – 73.99%
- D: 60 – 69.99%
- E: 0 – 59.99%

University Resources and Policies

- [Disability Resources](#)

Students with disabilities requesting accommodations should first register with the Disability Resource Center (352-392-8565) by providing appropriate documentation. Once registered, students will receive an accommodation letter which must be presented to the instructor when requesting accommodation. Students with disabilities should follow this procedure as early as possible in the semester.

- [Honor Code](#)

UF students are bound by The Honor Pledge which states, "We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code. On all work submitted for credit by students at the University of Florida, the following pledge is either required or implied: "On my honor, I have neither given nor received unauthorized aid in doing this assignment." The Honor Code specifies a number of behaviors that are in violation of this code and the possible sanctions. Furthermore, you are obligated to report any condition that facilitates academic misconduct to appropriate personnel. If you have any questions or concerns, please consult with the instructor or TAs in this class."

