

THE UNIVERSITY OF TEXAS AT EL PASO
COLLEGE OF SCIENCE
DEPARTMENT OF MATHEMATICAL SCIENCES

Course #: MATHEMATICS 3329

CRN#: 20997

Course Title: Geometry

Credit Hours: 3

Term: Spring 2024 **Course Meetings & Location:** TR 12:00-1:20 in Liberal Arts 308

Prerequisite Course: Math 3325

Instructor: Joe Guthrie

Contact Info: Office Location: Bell Hall 300

Telephone: 747-6755

email: jguthrie@utep.edu

Fax: 747-6502

Emergency Contact: 747-5761

Office Hours: TR 1:30-2:30, and by appointment.

Textbook: Isaacs, *Geometry for College Students* (Required)

Course Objectives: Axiomatic development of Euclidean geometry. Students will become familiar with important methods and theorems in plane geometry including Ptolemy's Theorem, Ceva's Theorem and the Butterfly Theorem.

Course Activities and Assessment:

Homework: Homework will be assigned each class day and discussed at the next class meeting. Students will be expected to give solutions at the board and will be assigned a grade for participation. Selected assignments may also be collected and graded.

Exams: There will be three mid-term in class exams as well as a final exam. The final exam will cover the entire course and will be held 1:00-3:45, Tuesday May 7.

Course Grade: At the end of the semester, you will have percentage scores for your homework and for your mid-term and final exams. The homework and class participation will count 10%, each mid-term exam will count 20%, and the final exam will count 30% toward your course average. Grades will then be assigned according to:

A: 90-100% B: 80-89% C: 70-79% D:60-769% F: 0-59%.

If you have problems with the course material, need to be absent for an exam, or have any other circumstances that may affect your performance in the course, contact me by email as soon as possible.

Students taking the course for graduate credit will be required to submit a special report in addition to the other requirements.

Drop policy: The deadline to drop with an automatic W is Thursday, March 28.

Make-up Policy: Makeup exams will be given only in extraordinary and unavoidable circumstances and with advance notice to me by email.

Attendance Policy: Prompt attendance at all class meetings is expected.

Academic Integrity Policy: You are expected to conform to the UTEP policy on integrity. See

<http://admin.utep.edu/Default.aspx?PageContentID=2083&tabid=30292>.

Disability Statement: If you have, or suspect you have, a disability and need an accommodation, you should contact the Center for Accommodations and Support

Services (CASS) at 747-5148, or at CASS@utep.edu, or go to Room 106 Union East Building. You are responsible for presenting to me any CASS accommodation letters and instructions in a timely manner.

Military Statement: If you are a military student with the potential of being called to military service or training during the semester, please let me know during the first week of classes and contact me as soon as possible if you do receive such an assignment.

MATH 3329 Homework

Geometry for College Students, by I. Marvin Isaacs

1B 1,2,3,7,8,9

1D 1,2,3,4,5,7,13

1E 1,3,4

1F 1,2,3,4,5,6,7,13

1G 1,2

1H 1,2,3,4,10

2A 1,3,4,5

2B 1,3

2C 1,2,3,4

2D 1,2,3

2E 1,2,3,5

2F 1,2

2G 1

2H 1

3A 1,2,3,5

3B 1

4A 1,2,3,5