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

Course #: MATHEMATICS 3329
CRN#: 21720
Course Title: Geometry
Credit Hours: 3
Term: Spring 2020
Course Meetings & Location: TR 12:00-1:20 in Liberal Arts 207
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 12.
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 phone or email as soon as possible.
Students taking the course for graduate credit will be required to submit an additional report in addition to the other requirements.
Drop policy: The deadline to drop with an automatic W is Friday, April 3. The Dean's Office of the College of Science will not approve any drops after that date.
Make-up Policy: Makeup exams will be given only in extraordinary and unavoidable circumstances and with advance notice to me by phone or 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.

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