

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

Seminar - 17960 - MATH 5370 – Axiomatic Geometry

6:30 - 7:50 pm	TR	Bell Hall 130	Fall 2019
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Instructor: Dr. Emil Schwab
Office Location: BH 201
Contact Info: Phone # 747-6758
E-mail address: eschwab@utep.edu

Office Hrs: TR 3 – 4 p.m. or by appointment

Textbook: A textbook is not required. References: Elementary Geometry from an Advanced Standpoint / Edwin Moise

Contents: This course is designed for graduate students in the Master of Art in Teaching Math. Program and it is in axiomatic geometry: the axiomatic systems (Hilbert/Birkhoff) of Euclidean geometry and the classical models for non-Euclidean geometry.

Goal: 1.) Students are expected to build a solid understanding of the axiomatic systems.
2.) Students will build a solid understanding of the concepts and a good proof-writing skills

Exams and Assignments: There will be two exams. Homework will be assign regularly. The homework will not be collected, but will be discussed in class. The exams will include problems from homework.

Grading Policy: Each exam (worth of 100 points) represents 50% of the final grade. The final grade will be determined by the average of the exam's scores respecting the following grading scale:

A 85-100; B 70-84; C 55-69; D 40-54; F below 40.

Make-up Policy: Make-ups/retests will be given only under extraordinary circumstances documented by the student and at the discretion of the instructor.

- Attendance & Withdrawal: It is the student's responsibility to attend class, to be in contact with all the information transmitted in the class and to make up the work for the missed class. It is expected that everyone attend every class and arrive on time.
It is the student's responsibility to drop the course, the deadline to drop with an automatic W is **Nov. 1**, 2019. After the drop deadline the College of Science will not approve any drops (W) and you can be dropped only with an F.
- Academic Integrity Policy: Students are required to follow UTEP policy (Academic Dishonesty at UTEP) and to comply with the Regents' Rules and Regulations.
<http://academics.utep.edu/Default.aspx?tabid=23785>
<http://www.utsystem.edu/bor/rules/homepage.htm>
- Disability Statement: If you have a disability and need classroom accommodations, please contact The Center for Accommodations and Support Services (CASS) at 747-5148, or by email to cass@utep.edu, or visit their office located in UTEP Union East, Room 106. For additional information, please visit the CASS website at www.sa.utep.edu/cass.
The student is responsible for presenting to the instructor any CASS accommodation letters and instructions.
- Military Statement: If you are a military student with the potential of being called to military service and/or training during the course of the semester, you are encouraged to contact the instructor as soon as possible.