

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

**Course #:** MATHEMATICS 5370

CRN#19094

**Course Title:** Set Theory

**Credit Hours:** 3

**Term:** Fall 2018

**Course Meetings & Location:** TBA

**Prerequisite:** Department approval

**Instructor:** Joe Guthrie

**Contact Info:** Office Location: Bell Hall 300

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Emergency Contact: 747-5761

**Office Hours:** TR 4:00-5:00 and by appointment.

**Textbook:** Halmos, *Naïve Set Theory* (Required)

**Course Objectives:** Students are expected to make considerable progress in the following areas:

#	Objective
1	Students will become familiar with the basics of set theory.
2	Students will be able to write clear and concise mathematical proofs using correct logical steps from hypothesis to conclusion
3	Students will become familiar with cardinal and ordinal arithmetic.

**Drop policy:** The deadline to drop with an automatic W is Friday November 3.

**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://academics.utep.edu/Default.aspx?tabid=23785>.

**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](mailto: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](http://www.sa.utep.edu/cass). You are responsible for presenting to me any CASS accommodation letters and instructions.

**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.