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

<table>
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<tr>
<th>CRN 26248 - MATH 4325 - Modern Algebra</th>
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<td><strong>4:00 - 5:20 pm</strong></td>
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**Prerequisite Courses:** Math 3325

**Instructor:** Dr. Emil Schwab  
**Office Location:** BH 201  
**Contact Info:** Phone # 747-6758  
E-mail address: eschwab@utep.edu

**Office Hrs:** TR 3 – 3:50 p.m.

**Textbook:** Elements of Modern Algebra / Gilbert

**Course Objectives:** Students are expected to build a solid understanding of some basic concepts, principles, theorems in Algebraic Structures (groups, rings, integral domains, and fields) and to be able to elaborate rigorous proofs.

**Course Contents:** The course will cover sections from the chapters 1, 3 – 6 of the textbook.

**Exams and Assignments:** There will be three unit exams (each worth 100 points) during the semester and a comprehensive final exam (also worth of 100 points). Regularly homework will be assigned. The homework will not be collected, but will be discussed in class. The exams will include problems from homework.

**Grading Policy:** Each exam including the final represents 25% of the final grade. The final grade will be determined by the average of all exams scores including the final, respecting the following grading scale:

- A 90-100;
- B 80-89;
- C 70-79;
- D 60-69;
- F below 60

Extra credit work won’t be given for this class.

**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 class. Any student with 4 or
more absences from lecture might be automatically dropped from the
class by instructor. The deadline to drop or to be dropped with an
automatic W is **March 29, 2018.** 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://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
couraged to contact the instructor as soon as possible.

Tentative Schedule: Feb. 13 – Exam 1
March 27 – Exam 2
May 1 – Exam 3
May 8 – Final Exam (4 pm)

(the dates for the exams may be changed during the semester)