

## *Syllabus for Math 3520, section 001*

Lecturer: Dr. Andrew J. Hetzel

Lecture Time and Location: MWF 8:00 am – 8:55 am, Bruner 420

Office Hours: MTWRF noon – 2 pm

Appointments welcomed

Office Location: Bruner 109

Contact Information: *e-mail*: ahetzel@tntech.edu, *phone*: 372-3581

Comprehensive Final Exam Time: Thursday, December 17, 8:00 am – 10:00 am

### **Textbook**

We will be using *Contemporary Abstract Algebra*, sixth ed. by Gallian.

### **Prerequisites and Course Objectives**

Prerequisite: "C" or better in MATH 3510.

Objectives: To enable the student to obtain a broad overview of the most common algebraic systems and to begin attaining a working knowledge of rings, fields, and integral domains. After finishing this course, students are expected to know the importance of the key definitions and results in the subject and to have developed the ability to use these definitions and results to correctly answer standard questions in the subject.

We will cover selected topics from chapters 12—18 and 23 in the textbook.

Please see <http://www.math.tntech.edu/PDF/3510-3520.pdf> for a complete list of the topics that will be addressed in this class.

### **Calculator Requirement**

You may find a calculator helpful for basic arithmetical operations that will be required of you on homework, quizzes, and tests.

### **Homework, Quizzes, and Tests**

Homework will generally be assigned each class session.

A quiz will generally be administered each week.

There will be 3 regular tests during the semester and a comprehensive final.

Make-up exams will be given only for excused absences and will be handled on a case-by-case basis. If a student does not get his or her questions answered during class, it is expected that the student will consult with me during my office hours before the corresponding test or quiz.

Students with a disability requiring accommodations should contact the Office of Disability Services (ODS). An Accommodation Request (AR) should be completed as soon as possible, preferably by the end of the first week of the course. The ODS is located in the Roaden University Center, Room 112; phone 372-6119.

**Grading**

The 3 regular tests will cumulatively be worth 50% of one's grade in the course, the comprehensive final will be worth 25%, and the quizzes will cumulatively be worth 25%. The grading scale will be the standard decade system.

**Attendance**

It is my discretion on what constitutes an excused absence. All excused absences require documentation. However, please be aware of your privacy rights.

I reserve the right to create policies at any point that preserve the integrity of the educational process for each student in the class.