MATH 3360 – FALL 2017

Instructor: Arne Ledet
MA 206
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Office Hours: TR 2:30pm–4pm, and by appointment

Textbook: A. Papantonopoulou – Algebra, Pure & Applied

Lectures: TR 12:30pm–1:50pm in MA108

Material to be covered: Chs. 1–3, 0.3.30–38, ch. 4, and chs. 6–7

Grading: During the term, there will be two in-class exams, each taking up an entire class period. Additionally, there will be ten homework assignments, of which five (of your own choosing) may be resubmitted within a week of the original due date. The final grade will be computed according to the following percentages:

- In-class exams: 30% (15% each)
- Homework: 50% (5% each)
- Final exam: 20%

The dates of the in-class exams are September 28 and November 2.

Important dates:
- Aug. 28 – First day of classes
- Sept. 4 – Labour Day
- Nov. 22–26 – Thanksgiving
- Dec. 6 – Last day of classes
- Dec. 9 – Final exam, 10:30am–1pm

Course homepage: A course homepage is maintained at
http://www.math.ttu.edu/~aledet/teaching/3360.html

All handouts, including homework assignments and this syllabus, will be available for download from there. It will also list the material covered and the suggested exercises for each class.

Note regarding email: Include the course number (3360) in the subject line.

Learning objectives: Students learn how to think and reason abstractly in the context of algebraic structures, and learn how to write correct and clear mathematical arguments in this context. Concepts to be mastered by the students include, but are not limited to, the following:

- Groups and group homomorphisms;
- Group actions;
- Rings and ring homomorphisms.

Learning assessment: The expected learning outcomes for the course will be assessed through in-class exams and activities, homework assignments and class discussions.
**Special arrangements:** Any student who, because of a disability, may require special arrangements in order to meet course requirements should contact the instructor as soon as possible to make any necessary arrangements. The student should present appropriate verification from Student Disability Services during the instructor’s office hours. Please note instructors are not allowed to provide classroom accommodations to a student until appropriate verification from Student Disability Services has been provided. For additional information, please contact Student Disability Services in West Hall or call 806-742-2405.

**Religious holy days:** (1) “Religious holy day” means a holy day observed by a religion whose places of worship are exempt from property taxation under Texas Tax Code §11.20.

(2) A student who intends to observe a religious holy day should make that intention known in writing to the instructor prior to the absence. A student who is absent from classes for the observance of a religious holy day shall be allowed to take an examination or complete an assignment scheduled for that day within a reasonable time after the absence.

(3) A student who is excused under section 2 may not be penalized for the absence; however, the instructor may respond appropriately if the student fails to complete the assignment satisfactorily.

**Academic integrity:** It is the aim of the faculty of Texas Tech University to foster a spirit of complete honesty and high standard of integrity. The attempt of students to present as their own any work not honestly performed is regarded by the faculty and administration as a most serious offense and renders the offenders liable to serious consequences, possibly suspension. “Scholastic dishonesty” includes, but it not limited to, cheating, plagiarism, collusion, falsifying academic records, misrepresenting facts, and any act designed to give unfair academic advantage to the student (such as, but not limited to, submission of essentially the same written assignment for two courses without the prior permission of the instructor) or the attempt to commit such an act.