

**Math 453-002 Fall 2011**  
T-TH 12:00-1:15 REC 121

Professor David Goldberg  
**Office:** Math Sciences 640  
**Phone:** 49-41919

**e-mail:** goldberg.math.purdue.edu  
**Office hours:** M 2:00-3:15, T 3-4, TH 4-5.

I will also see you with, or without an appointment.

**Course Page:** <http://www.math.purdue.edu/~goldberg/Math453/math453.html>

There is course information available there, including this syllabus.

**Text:** Contemporary Abstract Algebra, Joseph A. Gallian, 7th Ed.

**Prerequisites:** MATH 350 or 351.

**Education majors** should take MATH 301 **first**.

**Other majors:** It is recommended that you first take another 300 level math course (in addition to 350/351).

This course will cover chapters 1-18 of Gallian. Of course, some sections may be omitted, and topics from other chapters may be included as I see fit. There are many other reasonable textbooks on this subject. Most of these books have titles similar to Gallian's. I have placed two of these textbooks "A First Course In Abstract Algebra", by J. Fraleigh, and "Abstract Algebra" by I. N. Herstein on reserve in the Mathematics library (3rd floor of the Mathematical Sciences building).

**Homework:** Homework will be assigned each class and will be due on Tuesdays. I hope that each assignment will be graded by the time the following assignment is due.

**Exams:** There will be two one hour exams, currently scheduled for Thursday, September 22 and Tuesday November 1. There will be a two hour, cumulative, final exam.

**Course grades:** The value of exams and homework are given below:

Grade	Highest Possible Grade
Final Exam	200
Two in class exams	200
<u>Homework</u>	<u>100</u>
Total	500

Tentatively, final grades will be: A 450-500; B 400-449; C 350-399; D 300-349; F < 300.

**Academic Adjustment** Students who have been certified by the Office of the Dean of Students-Disability Resource Center as eligible for academic adjustments should go to MATH 242 with a copy of their certification letter and request a copy of the Information Sheet for their course. Certification letters should be filed during the first week of classes or as soon as students receive their letters.

The course Information Sheet explains how to proceed this semester to get adjustments made in your mathematics course. It may not be the same as last semester.

Only students who have been certified by the ODOS-Disability Resource Center and who have requested the DRC to send their certification letters to their instructors are eligible for academic adjustments.

Students who are currently undergoing an evaluation process to determine whether they are eligible for academic adjustments, are encouraged to find out now what procedures they will have to follow when they are certified, by requesting an Information Sheet from MATH 242.

Large print copies of the Information Sheet are available from MATH 242 upon request.

**NOTE:** In the event of a major campus emergency, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. Changes to this syllabus other notices will be posted to the web page listed above, and you may contact me at the e-mail and phone number given above as well.