

MATH 450
Honors Algebra Fall 2016
T-TH 10:30-11:45
MATH 215
Syllabus

Instructor: David Goldberg

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Course Home page: www.math.purdue.edu/goldberg/Math450/M450-16-syll.pdf

Office Hours: Monday 9:30-10:30, Tuesday 1:30-2:30, Wednesday 10:30-11:30. These hours can change during the semester due to some changing conditions, and I will notify the class by e-mail of any changes as soon as I can.

Main Text: I.N. Herstein, *Abstract Algebra*, (Third Edition) Prentice Hall, 1996

Other Texts: J. Gallian, *Contemporary Abstract Algebra*, J. Rotman, *A First Course in Abstract Algebra*, J. Fraleigh, *A First Course in Abstract Algebra*, I.N. Herstein, *Topics in Algebra*, D. Dummitt and R. Foote, *Abstract Algebra*, T. Hungerford, *Algebra*,...

Prerequisites: MATH 351 or 350, and prefer one MATH course above 300.

Outline: My goal is to cover parts of Chapters 1-5 of Herstein. Since this is an honors class, the content will, in part be determined by how much the students can and want to do.

Homework: Homework will be assigned each period and will be due on Tuesday. Be prepared to go to the board and present solutions!

Exams: There will be two in class exams, tentatively scheduled for Thursday September 22 and Thursday November 3. We will finalize these dates in the context of the course. There will be a two hour final exam, time and place to be announced.

Absences: Absence for illness, military leave, family emergency, or participating in a Purdue sponsored event are excusable. In these events, provided documentation is supplied, deadlines and makeup exams can be negotiated. For absences other than these, excuses will not be accepted. Homework can be submitted late, but the grader will have discretion in evaluating it if it is late without an excusable absence.

Numerical Grade: Your numerical grade, 0-500 in the course will be determined by homework (100 points), midterm (100 points each) and final exam (200 points). I expect the grade lines to be, approximately: A 450-500, B400-349, C 350-399, D300-349, F 0-299. I reserve the right to change these grade lines to reflect my impression of what I think you learned.

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.



EMERGENCY PREPAREDNESS SYLLABUS ATTACHMENT

EMERGENCY NOTIFICATION PROCEDURES are based on a simple concept – if you hear a fire alarm inside, proceed outside. If you hear a siren outside, proceed inside.

- **Indoor Fire Alarms** mean to stop class or research and immediately evacuate the building.
 - Proceed to your Emergency Assembly Area away from building doors. **Remain outside** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.
- **All Hazards Outdoor Emergency Warning Sirens** mean to immediately seek shelter (**Shelter in Place**) in a safe location within the closest building.
 - “Shelter in place” means seeking immediate shelter inside a building or University residence. This course of action may need to be taken during a tornado, a civil disturbance including a shooting or release of hazardous materials in the outside air. Once safely inside, find out more details about the emergency*. **Remain in place** until police, fire, or other emergency response personnel provide additional guidance or tell you it is safe to leave.

**In both cases, you should seek additional clarifying information by all means possible...Purdue Home page, email alert, TV, radio, etc...review the Purdue Emergency Warning Notification System multi-communication layers at http://www.purdue.edu/ehps/emergency_preparedness/warning-system.html*

EMERGENCY RESPONSE PROCEDURES:

- Review the **Emergency Procedures Guidelines** https://www.purdue.edu/emergency_preparedness/flipchart/index.html
- Review the **Building Emergency Plan** (available from the building deputy) for:
 - evacuation routes, exit points, and emergency assembly area
 - when and how to evacuate the building.
 - shelter in place procedures and locations
 - additional building specific procedures and requirements.

EMERGENCY PREPAREDNESS AWARENESS VIDEOS

- "Shots Fired on Campus: When Lightning Strikes," is a 20-minute active shooter awareness video that illustrates what to look for and how to prepare and react to this type of incident.
See: <http://www.purdue.edu/securePurdue/news/2010/emergency-preparedness-shots-fired-on-campus-video.cfm> (Link is also located on the EP website)

MORE INFORMATION

Reference the Emergency Preparedness web site for additional information:
http://www.purdue.edu/emergency_preparedness