

Course Syllabus—Math 580—Autumn 2009

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Office Hours: Tue. 11:00a-12:15p, Wed. 2:45p-4:00p, Thur. 3:30p-4:45p, or by appt.
Course Webpage: <http://www.math.ohio-state.edu/~czorn>

Course Information

Course #/Title: Math 580—Algebra I
Lecture Times/Location: MWF—01:30p Fontana Lab (FL)—0142

Course Description: The integrated algebra sequence 580, 581, 582 includes elementary number theory, group theory, vector spaces and linear transformations, field theory. The 580 sequence is an introduction to group theory using examples from geometry.

Text: *Shapes, Numbers, and Polynomials*, R. Solomon.

Grading: Your grade for the quarter will be based on the following: three midterms, one final and homework. The numerical breakdown is as follows:

Midterm Exams (x2)	200 pts
Homework	100 pts
Final exam	200 pts
Total	500 pts

Grading will be based on a percentage of total points. The course will approximately use the following cutoffs: A (87-100%), B (73-86%), C (59-72%), D (45-58%) and F (below 45%). However, cut-offs may drop if the difficulty level of the course warrants such an adjustment.

Make-up Policy: In general, no make-ups are given for exams. If you have an existing conflict, notify the instructor at least one week ahead of time. If you have an emergency, notify the instructor as soon as reasonably possible. In either case, be prepared to provide some kind of documentation regarding the conflict or emergency. All documentation pertaining to medical treatment **must** contain the phone number of the treating physician or clinic.

Final Exam Make-up Policy: As with exams, contact the instructor at least one week prior, if possible. Ideally, tell the instructor as soon as a conflict appears. In case of an emergency, contact the professor as soon as possible. Please note that an incomplete cannot be given if the student has missed an exam or if the student has an average of less than 70% on work up to the second exam. Also, the Department of Mathematics is very resistant to a student taking a final exam early.

Calculator Policy: There will be no calculators allowed for in class assessments. Students are welcomed to use calculators on their homework. However, the content of the course does not lend itself to calculator use.

Exam Policy: Please bring your BuckID to all exams. Be prepared to produce your BuckID if asked by the instructor or any other person assisting the instructor in proctoring the exam.

Tentative Schedule: Here is a tentative schedule on what we will cover on a weekly basis:

Week 1 (09/23-09/25):	1,1	Week 7 (11/02-11/06):	6,6+11,11
Week 2 (09/28-10/02):	2,2,3	Week 8 (11/09-11/13):	11,-,R
Week 3 (10/05-10/09):	3,3,4	Week 9 (11/16-11/20):	10,10,E
Week 4 (10/12-10/16):	4,S,R	Week 10 (11/23-11/27):	10,12,-
Week 5 (10/19-10/23):	5,5,E	Week 11 (11/30-12/04):	12,12,R
Week 6 (10/26-10/30):	5,6,6		

Note: E = an exam, - = a day when class does not meet,

R = Review, S = supplemental material.

This schedule is subject to change. In particular, weeks 9-11 might be devoted to covering supplemental material rather than chapters 10 and 12.

Homework: Homework exercises will be assigned during lecture each day. The problems assigned on a given week will comprise one assignment and be due the following Friday. For instance, the problems assigned in lecture from 10/05/09-10/09/09 will all be due on Friday, 10/16/09. A record of the homework problems will be kept on the course website.

Students are encouraged to work collectively on homework assignments, however each student is responsible for submitting a set of problems.

Tentative Examination Dates: The following dates for the midterm exams are tentative:

- Exam 1–Friday, October 23, 2009
- Exam 2–Friday, November 20, 2009

Final Examination: The final exam for our course will be given Tuesday, December 8, 2009 from 1:30p-3:18p.

Disability Services: Students with disabilities should register with the Office of Disability Services. They are located in Pomerene Hall (PO) 150 and can be reached at (614) 292-3307. Students should also meet with the instructor privately to discuss their situation so that appropriate arrangements can be made to accommodate the student.

Important Dates:

- **Friday, October 9, 2009**–Last day to drop without receiving a “W”.
- **Friday, November 6, 2009**–Last day drop the course without petitioning. Anyone enrolled after November 17 will receive a letter grade for the course.
- **Wednesday, November 11, 2009**–No class in observance of Veterans Day.
- **Thursday-Friday, November 26-27, 2009**–No class in observance of Thanksgiving.