Math 567 Abstract Algebra 2, MWF 12:00, Room E104

Lecturer: Alexander Hulpke, Weber 104

Office Hours: See `http://www.math.colostate.edu/~hulpke/officetimes.html`
Feel free to come by my office if I'm not in a meeting.

Email: `hulpke@math.colostate.edu`

WWW: `http://www.math.colostate.edu/~hulpke/lectures/m567`

This class will cover the material of the MATH566/7 syllabi that has not been covered in the (somewhat nonstandard) MATH566 in FA13.

Textbook: Grillet: *Abstract Algebra*, Springer GTM 242. A downloadable PDF version is available freely through CSU (your computer must be on the campus network) at `http://link.springer.com/book/10.1007%2F978-0-387-71568-1`. The same webpage lets you order a softcover edition for $25.

Exams and Homework

There will be one midterm on March 28 (in the normal class). The final exam (qualifier exam) is on May 12, 4:10-6:10pm.

Homework I will issue one homework sheet per week (typically on Wednesdays with the homework due the Friday of the following week at the start of the lecture).
I will consider 20% of all problems as bonus to make up for sickness, unduly hard or boring problems etc. Each problem is worth equal.
You are welcome to discuss the problems, but everyone should write down their own solution.

Grades will be based on homework (50%), one midterm and a final (25% each). This course also is a qualifier course, only the final exam counts for qualification.

Academic Integrity

This course will adhere to the CSU Academic Integrity Policy as found in the General Catalog - section 1.6, pages 7-9 and the Student Conduct Code. At a minimum, violations will result in a grading penalty in this course and a report to the Office of Conflict Resolution and Student Conduct Services.

Computer use

Some problems will involve calculations that would be tedious to do by hand (or even with a simple pocket calculator). For these we will be using the computer algebra system GAP. (You are welcome to use other software if you want to, but I will not provide help with these.)
This program is installed on the Mathematics computers. If you want to install it on your home PC (Linux/Windows/Mac) you can download the program from the link on the course webpage. (You won't be examined about the use of this program.)
More about this program later.

I wish you success with this course and all the best for the coming semester.