Meetings: MWF, 10:30 - 11:20, in Sci 145  
Office: Sci 147  
Text: A First Course in Abstract Algebra, 7th ed., Fraliegh  
Office Phone Number: 690-6860  
Email: cgrood1@swarthmore.edu

Website: http://www.swarthmore.edu/NatSci/cgrood1/Math67.html
I will post homework assignments there, along with other useful information. There is also a feature on my website which allows you to give me feedback anonymously. You are encouraged to use it!

Office Hours: Tuesday: 10:30 - 11:30, Wednesday: 3:30 - 4:30, Thursday: 1:30 - 2:30. I am also very happy to schedule appointments with you!

Tentative Syllabus: I plan to cover the following sections: 0 - 11, 13 - 15, 34, 18 - 20, 22 - 23, 26, 27. I will cover more topics as time permits.

Exams: There will be one (possibly take-home) midterm exam in late October/early November. The final exam will be scheduled by the registrar.

Homework: Homework will usually be due in class each Friday. Late homework will not be accepted, but the lowest homework score will be dropped. Your homework papers will be judged on both the correctness of the mathematics and the clarity of your write-ups. I strongly encourage you to work together (after all, algebraists love groups!), but obviously the work you hand in should be your own.

Problem Sessions: In preparation for the Wednesday afternoon problem sessions, please come to class on Wednesday with a list of the homework problems due Friday that you would not mind presenting that afternoon (this set should be nonempty!) and a list of problems you’d like to see presented. Between lecture and problem session, I will work out a scheme for who will present which problems in our session.

Special Accommodations: If you believe that you need accommodations for a disability, please contact Tracey Rush in the Office of Student Disability Services, located in Parrish 113, or e-mail trush1 for an appointment to discuss your needs and the process for requesting accommodations. Tracey Rush is responsible for reviewing and approving disability-related accommodation requests and, as appropriate, she will issue students with documented disabilities an Accommodation Authorization Letter. Since accommodations may require early planning and are not retroactive, please contact her as soon as possible.

You are also welcome to contact me privately to discuss your academic needs. However, all disability-related accommodations must be arranged through Tracey Rush in the Office Of Student Disability Services.

Writing Component: The heart of mathematical writing is the ability to write a clear, thorough proof. Thus, instead of having you write papers, the writing required will involve very thorough solutions to some of your homework problems. All proofs must be written up in what I will refer to as “textbook style”: clear, complete sentences (with subjects! verbs! punctuation!), no abbreviations, minimal use of symbols. Pay close attention to how the solutions to examples in your textbook are written up, and use them as a template to help with your own writing. Typesetting your homework (either using \LaTeX or a word processor) is not required. However, if you plan on doing graduate work in a scientific field, I encourage you to take this opportunity to start to learn \LaTeX, a wonderful formatting program for producing scientific text. I am happy to help you with this! There is software (some of it is keyed) on the Swarthmore server-one version for Macs (Oztex), and another for Windows (WinEdt/MikTex).

Grading policy: Here is how I will compute your final grade:

- Homework: 30%
- Midterm: 30%
- Final Exam: 40%

Other: Algebra Rocks!