Mathematics 4107A2 (Abstract Algebra)
Fall 2002
W. L. Green


Instructor: W. L. Green (134 Skiles, green@math.gatech.edu, tel: 404-894-4312).

Office hours: TBA and by appointment.


Material: Selected from chapters 1-7.

Prerequisite: Math 2406 (Abstract Vector Spaces).

This is a proof based course on groups, rings, and fields. You will need to be prepared to
read and to write proofs. If you haven’t taken Math 2406, or some other course in which
you learned to construct and write proofs, you may need to take Math 2406 before you
begin this class.

Examinations: There will be two in-class closed book hour tests, on September 23
(Monday) and November 8 (Friday). The final examination is comprehensive and will be
on Tuesday, December 10, from 2:50 to 5:40 PM. Makeup will be given only in
extraordinary circumstances. You may bring one sheet of paper with notes to each hour
test or final examination.

Grading: The final examination will count more than either hour test, but less than the
sum of the two hour tests. There will be 5 to 7 homework assignments, which will count
toward the final grade if a grader is available. I will let you know the precise details of
the grading when I have found (or failed to find) a grader.

You may work together on the homework assignments, but all your work on the final
examination and hour tests must be without consultation of any other person, book or
notes, except as noted above. Late homework papers will not be accepted.

Please make sure you are aware of the Institute’s policy on academic honesty and follow
it scrupulously. If you have any question about its provisions, please ask me before you
take any action that might be in violation of the rules.

I hope to post assignments and other items of interest on the web at
http://www.math.gatech.edu/~green/.

WLG, 08/16/02