

CUNY Ph.D. Program in Mathematics
CUNY Graduate Center

MTH 70500, Algebra I
Fall 2012

Meets: 2-3:30 in Rm 4419 Tues, Rm 3212 Thurs.

Instructor: Cormac O'Sullivan

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Primary text: *Abstract Algebra, 3rd Edition* by Dummit and Foote.

We'll more or less cover Groups, Rings, Modules and Vector Spaces in Chapters 1 to 11.

Secondary text: *Algebra, 3rd Edition* by Serge Lang.

Class information: I'll give out problem sets for you to work on every one to two weeks. Your grade will be based on these and a take-home final in December.

Class website: <http://fsw01.bcc.cuny.edu/cormac.osullivan/>

Will eventually have class information, problem sets and links.