

Information on Math 520A

Algebra — Doctoral Core I

Call No. 2744

January 19, 2007

TIME OF MEETING: Mon, Wed, & Fri 1:40 – 2:35.

PLACE: ES 142

INSTRUCTOR: W. F. Hammond, ES 137B, phone 442-4625.
Office hours: Mon. & Wed. 3:05 – 4:00
Campus email: hammond
Web: <http://www.albany.edu/~hammond/>

TEXT: Thomas Hungerford, *Algebra*,
Springer, 1974, ISBN 0-387-90518-9, ISBN 3-540-90518-9.

PRE-REQUISITE: Advanced Linear Algebra (Math 524)
or permission of the instructor, and
an undergraduate course in abstract algebra

BULLETIN DESCRIPTION: Groups, fields, Galois theory

COURSE OBJECTIVE:

Between Math 520A and Math 520B it is expected that about 80% of the syllabus for the Preliminary Ph.D. exam¹ in algebra should be covered.

TEST SCHEDULE:

Event	Weight	Date
Final examination	100	Tue. May 15, 3:30–5:30
Midterm test	50	Wed., Mar. 21, in class
Written Assignments (5 @ 10 each)	50	
Weekly quizzes (10 @ 5 each)	50	
Total weight	250	

The instructor reserves the option of substituting “take-home” exams for the scheduled midterm and final examinations. With either of those events the exam will be due at a time announced with its distribution.

ATTENDANCE:

Attendance at class meetings is a *requirement* for passing the course unless the student has been granted a special exception *in advance*. Unexcused absence may result in failure or grade reduction. There will be no excused absences from tests except for compelling emergencies and religious holidays.

¹URI: <http://math.albany.edu:8000/math/prelims/syllabi/syll-alg.html>