

# Information on Math 520A

Algebra — Doctoral Core I

Call No. 2953

January 19, 2005

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

**PLACE:** ES 152A

**INSTRUCTOR:** W. F. Hammond, ES 137A, phone 442-4625.  
Office hours: Mon. & Wed. 2:45 – 3:30  
Email: [hammond@math.albany.edu](mailto:hammond@math.albany.edu)  
World Wide Web: <http://www.albany.edu/~hammond/>

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

**PRE-REQUISITE:** Math 524 or permission of the instructor.

## 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. exam<sup>1</sup> in algebra should be covered.

## TEST SCHEDULE:

| Event                             | Weight | Date                  |
|-----------------------------------|--------|-----------------------|
| Final examination                 | 100    | Fri. May 6, 3:30–5:30 |
| Midterm test                      | 50     | Wed, Mar. 9, 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. In either event 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.

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