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

Office hours: Mon. & Wed. 3:05 – 4:00
Campus email: hammond
Web: http://www.albany.edu/~hammond/


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. exam\(^1\) in algebra should be covered.

TEST SCHEDULE:

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

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.

\(^1\)URI: http://math.albany.edu:8000/math/prelims/syllabi/syll-alg.html