COURSE INFORMATION

Instructor: Dr. Louiza Fouli
Office: WH 214
Email: lfouli@math.nmsu.edu
Telephone: 575-646-2201
Website: http://www.math.nmsu.edu/~lfouli
Course Website: http://www.math.nmsu.edu/~lfouli/courses/fall13/math581/index.html
Class Time: Tue-Thu 1:10pm-2:25pm SH 111
Office Hours: Tuesdays 2:30pm-4:00pm
Wednesdays 2:00pm-3:30pm
Or by appointment

COURSE OBJECTIVES:

We will discuss topics from group theory, ring theory, and field theory. In group theory we will cover most of Chapters 1, 2, 3, 4. We will then move to ring theory and cover most of Chapters 7, 8, 9. Finally, we will do most of Chapters 13 and 14 to cover field and Galois theory.

PREREQUISITE/COREQUISITE:

Math 525.

TEXTBOOK:


ASSIGNMENTS, EXAMS AND GRADES:

HOMEWORK:

I will assign homework on a weekly basis. Assignments will typically be due on Thursdays at the beginning of class. The homework assignments will be posted on the course website.

EXAMS:

There will be two take-home midterm exams. The tentative dates for the exams are: October 15th and November 14th.

FINAL EXAM:

The final exam will be cumulative. It is scheduled for Tuesday, December 10th, 1pm–3pm.

GRADES:

I will use the following allocation for calculating your final grade:

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework</td>
<td>40%</td>
</tr>
<tr>
<td>2 Exams</td>
<td>20% each</td>
</tr>
<tr>
<td>Cumulative Final Exam</td>
<td>20%</td>
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Your final (letter) grade will be determined approximately by the usual 90-80-70-60 % cut-offs of a total numerical grade. The final letter grades will be including fractional grades such as A+, A-, etc. The instructor reserves the right to modify the grading scale if considered appropriate. Changes (if any) would be in the students’ benefit.
COURSE POLICIES:

COMMUNICATION:
I plan to use e-mail as the main communication tool. Please make sure you check your official nmsu e-mail often or have your e-mail forwarded to an e-mail account you check often.

WITHDRAWALS AND INCOMPLETES:
You have the primary responsibility for withdrawing from the course. I will authorize the secretary in the Math Office (SH 236) to sign drop slips for me, in case I am not available. The last day to cancel a course (with 100% refund) is September 6th, 2013. The last date to drop with a “W” is October 15, 2013. The last day to withdraw from the University is November 15, 2013. Under university policy the letter grade “I” is allowed only if a student has passed the first half of the course, and is precluded from completion of the second half of the course by a documented illness or family crisis.

ACADEMIC MISCONDUCT:
It is assumed that you have familiarized yourself with the portion of the student handbook and catalog pertaining to academic misconduct. Please be aware that such misconduct, including but not limited to plagiarism, is subject to disciplinary action. Students should note that both intentional and unintentional plagiarism is prohibited. Students may refer to the following websites for more information. The current University definition of plagiarism can be found at: http://www.nmsu.edu/~evpsa/SCOC/misconduct.html

DISCRIMINATION:
NMSU policy prohibits discrimination on the basis of age, ancestry, color, disability, gender identity, genetic information, national origin, race, religion, retaliation, serious medical condition, sex, sexual orientation, spousal affiliation and protected veterans status.

Furthermore, Title IX prohibits sex discrimination to include sexual misconduct, sexual violence, sexual harassment and retaliation. For more information on discrimination issues, Title IX or NMSU’s complaint process contact:
Gerard Nevarez, Executive Director or Agustin Diaz, Associate Director
Office of Institutional Equity (OIE)
O’Loughlin House
Phone: (575) 646-3635
E-mail: equity@nmsu.edu
Website: http://www.nmsu.edu/ eeo/

DISABILITIES:
Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) covers issues relating to disability and accommodations. If a student has questions or needs an accommodation in the classroom (all medical information is treated confidentially), contact:
Trudy Luken, Director
Student Accessibility Services (SAS)
Corbett Center, Rm. 244
Phone: (575) 646-6840
E-mail: sas@nmsu.edu
Website: http://www.nmsu.edu