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](http://www.math.nmsu.edu/~lfouli)  
Course Website: [http://www.math.nmsu.edu/~lfouli/courses/fall13/math332/index.html](http://www.math.nmsu.edu/~lfouli/courses/fall13/math332/index.html)  
Class Time: Tues-Thu 11:45am-1:00pm SH 111  
Office Hours: Tuesdays 2:30pm-4:00pm  
Wednesdays 2:00pm-3:30pm  
Or by appointment

COURSE OBJECTIVES:

The course aims to develop a careful understanding of topics such as the construction of the real numbers, sequences, limits, continuity and differentiation. Students are expected to master proof writing skills on these topics.

PREREQUISITES:

Grade C or better in both Math 192 and Math 279. You should be able to read and understand definitions, follow mathematical proofs, and prove small theorems on your own.

TEXTBOOK:

We will be using a set of notes prepared by Dr. M. Ballyk and Dr. D. Kurtz. The notes are available for purchase at the Main Office of the Department of Mathematical Sciences, SH 236.

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. **No late homework will be accepted.** The homework assignments will be announced in class and posted on the course website.

**QUIZZES:**

There will be 5 quizzes during the semester. The tentative dates are: 09/03, 09/17, 10/01, 10/29, and 11/12. The material you would be responsible for each quiz will be announced in class, and on the course website in advance.

**PRESENTATIONS:**

You will be responsible for presenting solutions to homework problems in class. Everyone should aim to present a few times during the semester.

**EXAMS:**

There will be two midterm exams. The tentative dates for the exams are:

*Exam 1: October 8th*

*Exam 2: November 19th*

If you have a conflict with the exam times, let me know immediately.
**Final Exam:**

The final exam will be cumulative. It is scheduled for **Tuesday, December 10th, 10:30am–12:30pm**.

**Grades:**

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

- **Homework**: 20%
- **Quizzes**: 15%
- **Presentations**: 5%
- **2 Exams**: 20% each
- **Cumulative Final Exam**: 20%

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. The grades will be posted on Canvas throughout the semester.

**COURSE POLICIES:**

**Attendance:**

It is your responsibility to attend class. I expect you to arrive on time and to remain for the full class period.

**Extra Credit work:**

There will be **NO** extra credit work offered in this course. Therefore, plan accordingly to meet the specified requirements in order to pass this course.

**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 (SII 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/7Evpsa/SCOC/misconduct.html](http://www.nmsu.edu/7Evpsa/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