

Math 118: Selected Topics in Mathematics
M, W, F 12:00-12:50 pm
Phillips 367

Instructor: Jason Newport

Email: jnewport@email.unc.edu

Office: Phillips 324B

Office Hours: M, T, W 1-2pm

Course Webpage: <http://www.unc.edu/~jnewport/math118/>

Honour Code: It is expected that each student in this class will conduct himself or herself within the guidelines of the Honor System. All academic work should be done with the high level of honesty and integrity that this University demands.

Text: *Excursions in Modern Mathematics*, Peter Tannenbaum, Prentice Hall, 6th Ed.

Course Description: The topics covered in this course vary each semester depending on the individual instructor. This course is designed for the non-science major and provides a non-technical introduction to these topics. The objective of this course is to introduce mathematical information which is more pertinent to the non-science major and use this information to develop logical reasoning skills. This semester, we will work on chapters 5, 6, 9, 12, and 15, as time permits. This list of chapters is subject to change.

Grading System: All grades will be assigned on a 10-point scale. That is, 90-100 is an A, 80-89 is a B, and so on. Your course grade will be determined as follows:

Homework & Quiz average	20%
Test 1	20%
Test 2	20%
Final	40%

Attendance: You are expected to be in class each day. Make-up tests are not given.

Homework: I will post homework assignments on the course webpage: <http://www.unc.edu/~jnewport/math232/>

Tests: There will be two in-class tests on the following dates:

- Test 1: Monday, February 11, 2008
- Test 2: Friday, March 21, 2008.

There will be no make up tests!

Final Exam: The final exam will be given on Friday, May 2 at 12:00 P.M.. You must have an official examination excuse in order to take a Make-up exam. This excuse must be signed by a Dean (in Steele Building). You must bring this excuse, along with a picture ID to the exam. **ABSOLUTELY NO EXCEPTIONS!**

Calculators: You will need a basic scientific calculator (i.e. one that has trigonometric, logarithmic and exponential functions) for this course. Some homework, quiz and test problems will require a calculator. You are allowed to use a graphing calculator, but you will not be allowed to use the graphing features on some quiz, test and exam problems.

Resources:

Math Help Center: Phillips 224, Monday-Thursday.

<http://www.math.unc.edu/helpcenter.html>

Course Webpage: <http://www.unc.edu/~jnewport/math118/>