

Mathematics 181 Section X1, Spring 2010

Instructor: Vicki Reuter

Email: vreuter2@math.uiuc.edu

Office: 110 Altgeld Hall

Office Hours: will be announced on Friday, January 22

Course website: <http://www.math.uiuc.edu/~vreuter2/math181.html>

Text and Course Description:

“For All Practical Purposes: Mathematical Literacy In Today’s World”, 7th ed., W.H. Freeman and Company. Introduction to selected areas of mathematical sciences through application to modeling and solution of problems involving networks, circuits, trees, linear programming, random samples, regression, probability, inference, voting systems, game theory, symmetry and tilings, geometric growth, comparison of algorithms, codes, and data management.

Time and Place: Mondays, Wednesdays, and Fridays, 12:00-12:50pm, 241 Altgeld Hall.

Attendance is expected, and is necessary to succeed in this class.

Homework, In-Class Work, and Project:

A number of problems will be assigned each day. Some of these will be practice problems; others will be turned in. You should attempt to solve the problems as they are assigned. If you have difficulty with a certain type of problem, then you should try others in the book which are similar. Try to do the problems without using a calculator, as they will NOT be allowed on quizzes or exams. Be sure to seek assistance if you are struggling with the homework. Graded homework will be due almost every week. Most days there will also be graded classwork or mini-quizzes. There will be one group project this semester.

Quizzes:

A quiz will be given every week. Makeup quizzes will not be given. If you present official documentation within one week of the quiz excusing your absence then you will be excused from the quiz. [Please note that in this case, your quiz average will be determined by a smaller number of quizzes, so each individual quiz carries more weight.] Your lowest quiz score will be dropped at the end of the semester. If you miss a quiz and cannot present official documentation to excuse your absence that will be the quiz you drop.

Exams:

There will be three in-class exams. The dates are Fridays, **February 19, March 19, and April 23**. If you miss an exam and present official documentation within two weeks of the exam excusing your absence, then either you will be allowed to take a makeup exam or your grade on the final exam will replace the score on the missed exam.

The Final Exam will be 7:00 – 10:00 PM on Wednesday, May 12.

Cheating:

Cheating is a very bad idea, and will be dealt with in accordance with the policy on Academic Integrity laid out in Article 1, Section 4 of the Student Code, University of Illinois at Urbana-Champaign. Refer to <http://www.admin.uiuc.edu/policy/code> for more

information. Cheating of any kind on quizzes or exams can result in up to an immediate F in the course and placement of a letter in your permanent file.

Grading:

Homework and/or Classwork: 10%

Quizzes: 15%

Three exams each worth: 15%

Final exam: 30%

Electronic Devices:

Use of cell phones and other similar electronic devices will not be allowed during class. MAKE SURE THEY ARE TURNED OFF!!! You may sometimes use a calculator, but don't become too dependent on it, as calculators are prohibited during exams and quizzes.

Special Accommodations:

If you have special needs requiring accommodations in the classroom or during exams, please provide the official documentation of your specific needs by Wednesday, February 3.

Please do not hesitate to contact me if you need special assistance, or if you have questions or problems relating to this course.

Best wishes for an enjoyable and productive semester!