

## Math 118 A Mathematical World

Summer Session 2, 2005

**Instructor:** Tom Cooney

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**Course webpage:** [www.math.uiuc.edu/~tcooney/118summer2005.html](http://www.math.uiuc.edu/~tcooney/118summer2005.html)

**Office:** 150 Altgeld Hall

**Lecture hours:** MTuWThF at 9 and Monday at 3 in 143 Altgeld

**Office hours:** MTuWThF 10-11 (to be confirmed) or email me

**Textbook:** For All Practical Purposes - Mathematical Literacy in Today's World. (Sixth Edition)

**Goals:** Elementary course for students whose major interests are not in engineering or the physical sciences; emphasizes understanding of mathematical aspects of modern, real-world problems; includes concepts from combinatorics, exponential growth, probability and statistics; problem-solving strategies. Prerequisite: Two units of high school algebra, and one unit of high school geometry.

**Exams, etc.:** There will be:

2 hour exams each worth 20% of your final grade. These will be held on Friday, the 1st of July, and Friday, the 22nd of July. There will be NO MAKE-UP EXAMS except in truly exceptional circumstances and with a letter from the emergency dean.

5 quizzes on the Fridays without hour exams. Your best four quiz grades will be worth a total of 25% of your final grade. There will be NO MAKE-UP QUIZZES.

Homework will be assigned in class. This homework will NOT be col-

lected. However if you do not attempt the homework, you will gain no understanding of the material and you will probably fail the quizzes, the exams and ultimately the whole course.

Attendance will be worth 5% of your grade. After your first three unexcused absences, you will lose 1% for each unexcused absence. Being late for class counts as half an absence. I reserve the right to make attendance worth 10% of your final grade, if I deem it necessary.

Final exam worth 30% of your final grade. This will be held in 143 Altgeld at 1pm on Saturday, August 6th.

If people are interested, there will also be extra credit assignments.

**Grades:** The usual grade ranges will be used:

A:93-100    A-:90-92    B+:87-89    B:83-86    B-:80-83

C+:77-79    C:73-76    C-:70-72    D+:67-69    D:63-66

D-:60-62    F:0-59

Please, please, please feel free to ask questions in class. If you do not understand or are having problems then so are other people in the class. I will not know that there is a problem unless you tell me. I am also always willing to answer questions outside of the lecture hour.