Math 118 A Mathematical World
Summer Session 2, 2005

**Instructor:** Tom Cooney

**Email:** tcooney@math.uiuc.edu

**Course webpage:** 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 un-
derstanding 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 unex-
cused 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:

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\begin{align*}
C+: & 77-79 & C: & 73-76 & C-: & 70-72 & D+: & 67-69 & D: & 63-66 \\
D-: & 60-62 & F: & 0-59
\end{align*}
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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.