Math 118 Numeracy
Summer Session 2, 2004

Instructor: Tom Cooney
Email: toooney@math.uiuc.edu
Office: B1, Coble Hall
Lecture hours: MTuWThF at 9 and Monday at 3 in 143 Altgeld
Office hours: Thursdays 1-2 (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 15% of your final grade. These will be held on Friday July 2nd and Friday July 23rd. 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 worst quiz grade will be dropped. Your best four quiz grades will be worth a total of 16% of your final grade. There will be NO MAKE-UP QUIZZES.

8 homework sets due Fridays in class. NO LATE HOMEWORK ACCEPTED. Your worst two homework grades will be dropped. Your best six
homework grades will be worth a total of 24% of your final grade. A selection from each homework set will be graded - the same problems for everyone in the class.

Final exam worth 30% of your final grade. This will be held in 143 Altgeld at 1pm on Friday August 7th.

There will also be extra credit assignments. More details later.

**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. I will usually have to rush away immediately after each lecture but I will be available in the afternoons for any questions you may have or we can arrange something by email.