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Prof. Rosenberg
Ungar 523, x-2575
Office hours: TBA.

MTH 596/688-U (Spring 94)
Time: Tu., Th. 6:25-7:40 P.M.
Room: MM 402

- **Overview:**

The course is an introduction to operating systems. Undergraduates register for 596, while graduates register for 688.

- **Prerequisites:**

You should know how to program to the level of Math 220/317, and have a hardware background similar to EEN 304. System level programming is not required, although helpful.

- **Text:**

The three texts for undergraduates are:

1. *Modern Operating Systems*, Andrew Tanenbaum.
2. *The Design and Implementation of the 4.3BSD Unix Operating System*, Leffler, McKusick, Karels and Quarterman.
3. *Inside Windows NT*, Helen Custer.

Graduates are encouraged to replace items two and three of this list by the following more detailed texts:

1. *The Design of the Unix Operating System*, Maurice Bach.
2. *Internetworking with TCP/IP, Vol. 1*, Douglas Comer.

- **Homework:**

Homeworks will be assigned at two week intervals and will make up 35% of your grade.

- **Tests:**

You will write a 10 page midterm paper, accounting for 26% of your grade, and a 15 page final paper, accounting for 39% of your grade. There will be no exams for undergraduates. Graduates will have a midterm and final interview to gauge their overall preparation for the qualifiers.