CSc33200-0460:   Operating Systems   - Course Information

Sep. 1st, 2003

◆ **Instructor:** Jinzhong Niu (jniu at ccny.cuny.edu, 212-650-5378)

◆ **Office Location and Hours:** UNIX Lab (NAC 7/105), 2:00-3:00pm Monday and 1:00-2:00pm Wednesday

◆ **Course Homepage:** http://www.cs.gc.cuny.edu/~jniu/csc33200/csc33200.html

◆ **Textbook:**

William Stallings, *Operating Systems*, Prentice-Hall. 4th Edition 2001. ISBN: 0-13031-9996

Around $50.00 at half.com

Website of the book: http://williamstallings.com/OS4e.html

◆ **Course Descriptions:**

This course aims to introduce basic operating system concepts and techniques and give a feel of the issues that have to be dealt with while developing an OS.

◆ **Course Prerequisites:**

C++, Algorithms, Computer Organization, Unix/Linux

◆ **Grading Policies:**

➢ Homework: 10% Midterm Exam: 20% Final Exam: 40% Project: 30%

➢ The following grade ranges will be used:

95-100% A+   90-94.9% A   85-89.9% A-

80-84.9% B+   75-79.9% B   70-74.9% B-

66-69.9% C+   63-65.9% C   60-62.9% C-

below 60% D or F

◆ **Exams:**

There will be a single midterm. Both the midterm and the final will be closed book and will cover

materials from lectures, required readings and the project. You may bring in a letter-size sheet of notes with you to the exams.

◆ **Project:**

The project in this course will be based on Nachos, an instructional OS developed at UC-Berkeley. You are required to improve some mechanisms already available in Nachos, or add new functions into it. You will need to form into groups of 2-3 for the project. More information will be provided later. To get started quickly, you are recommended to make preparations for the project yourself in advance, e.g. honing your skills in C++ programming, using development tools under Linux, etc.

Nachos Resources Online: http://www.cs.washington.edu/homes/tom/nachos/