CECS 476
System and Network Administration

Background: Unix, Operating Systems, Computers,
Reading (CECS 326)

Goals:
1) Administer a Multiuser, networked computer
2) Set up an internet server.

Course Structure:
1 Midterm; Final
daily assignments

Course Organization:
Cover the principles (lecture).
Investigate the existing installation (assignment)
Administer your machine (assignment)
Essentially, modify or install information on your machine.

Book:
Any Linux administration book may be used to
supplement the lecture.
The best book I know of is listed as "required" and is in
the book store.

Operating system and hardware:
Special machines are assigned to this course.
They run the Linux version of Unix.
Principle Machines: lab34...lab51, lab66..lab79
Other Machines: cheetah, jaguar, puma, cougar, panther,
lynx, ocelot

Documentation:
On-Line manual entries.

Slides:
The slides are available from the copy center of the book
store.

Warnings

You will be given system administrator privileges on a
machine, this makes it very easy to destroy the disk,
hence the capability of the machine to run.
It will be possible that you can destroy other user's
accounts.

Rules:
1) Read the instructions.
2) Administer only the machine assigned to you.
3) Assignments may involve lynx, cougar, jaguar, panther.
These are shared with other courses. You may install
software in your home directory that runs on these
(please ask). Do not attempt to administer these
machines.
4) Use your administrator (root) privileges *only* to
complete the assignments.
5) Maintain a log of what you do as the system
administrator . (You will be able to repeat it if it worked.
It will be easier to correct it if it broke something. You
will find it helpful in the exams.)
7) Do not change passwords unless instructed to do so.
Before some administrative assignments, I will access
your machine to disable or remove something which you
will have to fix or install.