Fall 2004

CEG 333: Introduction to Unix

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Department of Computer Science and Engineering  
Wright State University

CEG333 Introduction to Unix

SYLLABUS

Fall 2004

Time/Place  
Section 1: 7:30-8:20pm, M, W 429 Russ Engineering Center

Instructor  
Dr. Bin Wang, Assistant Professor, 447 Russ Engineering Center  
Tel: (937) 775-5115, E-mail: bwang@cs.wright.edu  
Office hours: 1:30-2:30pm M, W or by appointment

Grader  
Praveen Sattaru  
E-mail: sattaru.2@wright.edu

Prerequisites  
CS241

Textbooks  

Webpage  
http://www.cs.wright.edu/~bwang/teaching.htm

News Group  
wright.ceg.333; Post all your questions, helpful comments, criticisms, and suggestions regarding this course (lectures, projects, home work, exams) to our news group. I am hoping for a lively discussion leading to good answers and clarifications. Keep an eye on this newsgroup.

Course Objectives  
This is a 2 credit hour course that has 10 50-minute lectures and 10 50-minute lab sessions. Introduction to the use of Unix and Unix tools as a problem-solving environment. Emphasis on the shell, files and directories, editing files, user process management, compiling, and debugging.

Students' Responsibilities  
You are expected to:

1) read assigned materials prior to class and come up with questions. Reading materials will be assigned in advance.
2) attend classes on a regular and timely basis. Regular class attendance is mandatory and is essential to success in the course. You are responsible for all contents, handouts, and announcements distributed/made in class.
3) complete and turn in your assignments timely. You are expected to write your own programs. Do not copy from or give your work to others, and do not make it possible for others to copy any portions of your work. Violators will receive a zero credit on the assignment.
4) be present for exams at the scheduled times. If there is a catastrophic event that prevents you from taking an exam, please contact the instructor as soon as possible.
5) not disturb/disrupt the class.
6) set up an appointment with the instructor or visit during office hours if
you have questions regarding course contents, lectures, handouts, and other problems.

Projects

The projects contribute 30% to the final grade. I expect to give the project in five parts worth 5+5+10+5+5% respectively. The due dates for these will be announced in class.

The projects will be evaluated based on three criteria: (1) approach, clarity, and elegance, (2) correctness, and (3) efficiency. These projects must be work done solely by you, except for the parts I provided you with. The implementation must be in C, C++, and/or bash demonstrable on our Linux systems. Projects must be submitted on-line using the turnin program.

I may ask you for a demo of your projects. During or after the demo, I may also ask you questions pertaining to your projects.

Homework

I will recommend that you work on various problems from the book and other places. However, as this course has currently no TA support, I will neither grade the solutions nor provide solutions.

Course Evaluation

You will receive a final course grade comprised of the weighted score earned on all required course assignments and exams.

Methods: % of final grade

1. Participation (show up, in class discussion, news group discussion, etc): 5%
2. Project: 30% (5 parts: 5+5+10+5+5)
3. Middle term exam: 30% (tentatively October 6, in class)
4. Final exam: 35% (November 17, 8:00pm-10:00pm)

Total 100%

Grading scale:

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90-100 A
80-89.9 B
70-79.9 C
60-69.9 D
Below 60 F

Re-grading policy: If you have questions about the way an assignment or exam was graded, you must submit in writing a regrading request detailing the rationale for regrading.

Late Submission of Programming Assignments

You may discuss homework assignments with classmates but all solutions must be original and individually prepared.

You will lose 5% of the total points for an assignment for each 24-hour period (or fraction of a 24 hour period) the assignment is late. Late assignments will be accepted up to 4 days after the due date as specified in the assignment handout.
Late penalty is accrued on weekends just as during the week. Partial credits will be given to students who turn in partially completed assignments.

Special considerations will be given for students who have a medical excuse for late submission (written proof of illness is required). These considerations may extend to medical emergencies involving children or other family members. Such consideration is at the discretion of the instructor, and will be as reasonable and fair as possible. Special consideration may also be given for employment conflicts (e.g. military duty, travel) if brought to the attention of the instructor prior to the due date for an assignment.

Course requirements for other courses are NOT a valid reason for special consideration.

**Missed Quizzes and Exam**

Missed quizzes and exams can be made up only under extenuating circumstances such as medical emergencies and work conflicts as mentioned above. Please see the instructor as soon as possible if you know you will be unable to attend a quiz or exam. You are expected to schedule your departure for any end of quarter travel after your final exam.

**Plagiarism**

Students are members of a learning community committed to the search for knowledge and truth. Essential to that search is the faithful adherence by all students to the highest standards of honesty and integrity. A grade of “0” or “F” will be assigned to examinations or assignments on which cheating, plagiarism or any other form of academic dishonesty is committed or determined to have occurred. For the detail, see Wright State University Student Handbook under “Academic Dishonesty”.

**Lecture Outline**

Tentative lecture schedule given in course website