

Syllabus: CS60 Fall 2003

Lecturer: Daniel Nurmi (nurmi@cs.ucsb.edu)

Web Page: <http://www.cs.ucsb.edu/~nurmi/CS60>

Office: Phelps 1409

Office Hours: M,Th 2:00pm

Class Location: HSSB 1173

Class Times: MWF 1:00 – 1:50pm

TA: Lin Tan (tan@cs.ucsb.edu)

Discussion Sections:

Monday 5:00-5:50 in HSSB 1228 and Friday 12:00-12:50 in Phelps 1401. You may choose to attend either discussion section, but attendance of one discussion per week is required!

Course Description:

In this course, we will be learning (as is mentioned in the title of the course...of course) the C and C++ programming languages using the UNIX platform as a development environment. By the end of the quarter, students will have a solid understanding of C and C++ programming concepts and how they relate to UNIX flavored operating systems as well as having mastered the art of writing fairly complex programs in C or C++. These ideas and skills are essential prerequisites for ALL upper level undergraduate courses.

Required Books:

C Programming Language, 2nd Ed., Kernighan and Ritchie

Programming with GNU Software, Loukides and Oram

Advanced Programming in the UNIX Environment, Stevens

Absolute C++, Savitch

Coursework:

This is a programming oriented course and, as such, there will be a great deal of programming homework assignments that reinforce concepts learned in class. There will be one small homework assignment per class, and one more involved programming project per week. The small homework assignments are very small and should take a minimal amount of time. The projects should be started early and the student should expect to devote several hours to complete each project. There will be a midterm and a final exam.

Grading:

Homeworks – 100pts (5 pts each)

Projects - 600 pts (100 pts each)

Midterm - 100 pts

Final - 100 pts

Total - 900 pts

90 - 100 % = A | 80 - 89 % = B | 70 - 79 % = C | 60 - 69 % = D | 0 - 59 % = F