COMPUTER SCIENCE 150
SYLLABUS
Fall 2001

Instructor: Fang Chen
Office Location: Seney Hall 115
Extension: 4-4639 Email: fchen2@emory.edu
Office Hour: To be posted or by appointment

Course Content: CS 150 is an introduction to programming concepts and to programming in the C language.

Course Objectives: At the end of the course, the students should be able to write, compile, and debug programs in the C language. The students should be able to employ all the flow of control constructs, the basic data types, and the basic operators except.

Texts:
Problem Solving in C Including Breadth & Laboratories, by Angela B. Shiflet.

HONOR CODE: THE HONOR CODE OF OXFORD COLLEGE APPLIES TO ALL WORK SUBMITTED FOR CREDIT. YOUR WORK ON EXAMS IS TO REPRESENT YOUR WORK AND YOURS ALONE.

Attendance: Students are expected to attend all classes and are responsible for all material covered in class as well as any changes made in the schedule regarding homework, computer programs and exam dates. Class attendance and consistent preparation for class will determine the success or failure the student realizes in this course. **Missing more than three classes without legitimate reasons will result in appropriate academic penalty.**

Labs: One absence is permitted for lab – **NOT** to occur on a lab exam date. **Any absence after that will result in a deduction of 5 points off the final lab grade for each absence.** Each lab is required to be completed either during the current lab session or by the next lab session. There will be a total of 11 labs and the completion of each lab by the due date is worth 10 points in the final grade.

Homework: Homework will be assigned on a regular basis, but will not be collected and graded. Solutions to some of the homework problems will be put on reserve in the library. To become a good programmer, you must consistently write and debug programs.

Quizzes: Announced and unannounced quizzes may be given. No make-up quizzes will be given. The lowest quiz grade or one missed quiz grade will be dropped.

Exams: All exams are comprehensive. You are expected to take the exams at scheduled times only. The written exams will be in class, and the lab exams will be during the lab time. Usually, no make-up exams are given. (Legitimate emergencies will be handled on an individual basis.) If you have a situation that would prevent you from taking a scheduled exam, you must see me **BEFORE** the scheduled exam. Otherwise, a grade of zero will be recorded for that exam.

Take-home Lab Project: The project will be assigned towards the end of the semester and the students will have about a week to finish it. More details will be given when the project is assigned.

Special Concerns: Students with disability concerns verified by the Disability Services at the University should approach the instructor as early as possible in the semester to ensure proper accommodations.

Grading:

11 Labs @ 10 points each	110
5 Quizzes @ 20 points each	100
2 written exams @ 100 points each	200
3 computer lab exams @ 100 points each	300
Take-home Lab Project	90
Final Exam	200
Total points	1000

The following scale will be used to assign letter grades:

A:	900 – 1000 points
B:	800 – 899 points
C:	700 - 799 points
D:	600 - 699 points
F:	Below 600 points

Grades of A-, B+, B-, C+, C-, D+ may be assigned for sums of points near the above cutoffs in total points.

Schedule of Exams and Project:

Exam I – September 27

Lab Exam I – September 25

Exam II – October 18

Lab Exam II – October 23

Lab Exam III – November 27

Final Exam – scheduled by the Registrar's Office

Schedule of Classes:

8/30 - 9/27	The UNIX operating system Topics selected from Chapters 1, 2, and 3
10/2 - 10/30	Topics selected from Chapters 3, 4, 5, and 6
11/1 - 12/11	Topics selected from Chapters 6, 7, 8, 9, and 10

Remarks:

1. Computer terminals connected by ethernet to the mainframe on the Atlanta campus are located in Pierce Hall, Humanities Hall, Oxford College Library, Jolley Residential Center, Branham/East Residence Hall, and Haygood Hall.

2. A class conference for this course on Learnlink will be created and announced. Students are responsible to check the conference and your e-mails regularly for information and announcements. Students are also encouraged to participate in any discussion in the conference. Please make the conference appear on your Learnlink desktop, so that you will be aware of any new messages.

3. Students will be using the UNIX operating system on Dooley/Eagle. Every student should make sure to have an account on Dooley. If there is any problem with the account, a student should contact Oxford Computing.