CS 361 – Fall 2002
General Course Information
(http://www.csis.pace.edu/~scharff/cs361f2002)

Instructor: Professor Christelle Scharff
Office: 163 William Street
Floor 2 - Room 228
New York, NY
Email: cscharff@pace.edu
Class time: Tuesday and Thursday 12:20-2:20pm
Classroom: W525
Office Hours: Tuesday and Thursday 5:00-6:00pm - Wednesday 3:00-6:00pm

Required Textbooks: Programming Languages, Principles and Paradigms

General Information:
The goal of CS 361 is to introduce the fundamental concepts in programming languages.

It provides a study of history of programming languages including imperative, applicative (functional) and logical varieties. Emphasis will be on principles of language design, semantics and implementation strategies. It emphasizes the compilation process.

It will focus on JAVA, C/C++, SML, PROLOG and concurrent programming.

Goals include: list and define the major programming paradigms and the associated thought processes for each, explain how languages features contribute to programming practice, give examples of how abstractions is implemented in modern languages, look at the language translation process, understand the halting problem...

Prerequisite: A C or better in CS 232 and CS 242.

The Following CS 361 Policies are Strictly Enforced:

Assignments: See http://www.csis.pace.edu/~scharff/ for all assignments
Examinations: There will be two learning experiences and a final exam.

Important Dates:

Learning Experience 1: Tuesday, October 8th
Learning Experience 2: Thursday, November 1st
Final Exam: Monday, December 16th

Students must receive average on the combined average and final in order to pass the course. That is, a passing grade is only on the basis of outstanding homeworks and projects. Learning experiences and final cover material from the textbook.

Course Grades: Your overall course average for CS 361 is calculated using the following category weights:

<table>
<thead>
<tr>
<th>Course Category</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Homework/Project Assigns</td>
<td>55%</td>
</tr>
<tr>
<td>Learning Experience 1</td>
<td>20%</td>
</tr>
<tr>
<td>Learning Experience 2</td>
<td>20%</td>
</tr>
<tr>
<td>Final Exam</td>
<td>15%</td>
</tr>
</tbody>
</table>

Participation includes attendance, participation in the class board and surveys. Attendance is required. Over 3 absences will result in a reduction in grade for the semester. Those who are regular, do not do well in this course in general.

Grades are computed the following way:

A: 90-100%
B+: 88-89%
B: 86-87%
B-: 83-85%
C+: 80-82%
C: 77-79%
C-: 74-75%
D+: 72-73%
D: 68-71%
F: 0-67%
A  90-100
A-  88-90
B+  85-88
B   82-85
B-  80-82
C+  75-80
C   70-75
C-  65-70
D+  60-65
D   55-60
F   0-55

Academic Integrity: You are encouraged to discuss the intellectual aspects of assignments with one another. However, each individual is responsible for formulating a solution on his/her own. You must know the difference between cheating and discussing the intellectual aspects of an assignment. All students submitting the same or suspiciously similar assignments will receive a grade of zero and be penalized. The penalty for a second offense is failure in the course. Honesty is highly valued and dishonesty is punished. Furthermore those found to be cheating a second time are formally brought up on charges of academic dishonesty! (Please refer to the University rules and regulations regarding academic dishonesty).

Course Handouts and Lecture Slides: Course handouts will be available on the CS 361 web page (http://www.csis.pace.edu/~scharff/cs361f2002). Copies of lecture slides will be available on the WWW. It is your responsibility to print the lecture notes before each class.

Regrading of Learning Experiences and Homeworks: If you feel that a mistake was done in the grading of your Learning Experience or homework, you may make a written demand to be regraded.

Comments: All of the above regulations are binding on any student taking CS 361 during the Fall 2002 semester and they will be strictly enforced.