CSCI 4501 Session 001, Fall 2005

Catalogue Description:
A study of the concepts of programming languages as realized in a variety of commonly used languages, with emphasis on language definition and structure.

Prerequisite:
CSCI 2125, Data structures, with a grade of C or better.
Optional pre-requisite: Knowledge of C or C++.

Text:

Organization:
We will cover of the material in the book, though not necessarily in the same order or manner as in the text. We will also discuss Object Oriented programming, functional programming, logic programming and constructs needed for concurrency.

topics:
Part II: Algol languages, Type systems, type inference, Scope, storage management. Control
Data types. Monomorphic and polymorphic types. Genericity.
Part III: Modularity and abstraction.
If time allows: Concurrency features.

Office Hours:
My office is MATH 331. Office hours are from 3:00-4:00 pm. T,Th. Please try to adhere to office hours, or make an appointment if you cannot. My office number is 280-7362. My e-mail address: jaime@cs.uno.edu

Exams:
Exam schedule is tentative. We will have two in-class tests. They are currently scheduled for march 3. and april 1st. The final exam is scheduled for May 9th, 12:30 -2:30 pm. No makeup tests or exams.

Email/Home Page:
You can contact me at jaime@cs.uno.edu. My phone: 280-7362. The course web page is http://www.cs.uno.edu/jaime/Courses/4501. From time to time I will communicate through email with you using your department email account; you are responsible to read your email in a timely manner. Also, if you send me email
1. do it using your department account.
2. write as subject: CSCI-4501 student.
Do not expect me to open nor to answer any student email that was not sent through your department account.

Homework:
We will have a composition paper broken into several parts, which includes programming with programming languages using paradigms not familiar to you. There will also be a few reading and written homeworks. Assignments must be submitted at class time on due date. Late submissions are not accepted unless explicitly stated; when allowed they will incur a penalty of 10% per day and I will generally grade late homework more rigorously and grade it at my
convenience; that means that you may not get it back until the end of the semester. **Homework will not be accepted more than 5 days late.** As you should know by now, unless explicitly stated otherwise, homework assignments are individual projects. Use of material other than class textbooks must be referenced. No late homework will be accepted during or after the last week of classes.

**Attendance**

Attendance is mandatory. Failure to attend will affect your final grade, including failing the course. Every absence must be justified in writing. You will automatically fail the course if you accumulate more than 3 consecutive unjustified absences, or more than 6 absences (justified or unjustified) in total.

All absences must be justified in writing with appropriate documents (doctor’s office or otherwise.)

- 3 unjustified absences will cost 10% of grade.
- 6 unjustified absences will cost 25% of grade.

**Grading:**

In-class tests 30%, final exam 30%, homework (papers, programming, pop quizzes and other) 40%. Letter grades will be assigned as [90 – 100] = A, [80 – 89] = B, etc.

Finally, I must call your attention to the University’s policies regarding academic dishonesty. Academic dishonesty includes cheating, plagiarism, and collusion. In particular, it includes “the unauthorized collaboration with another person in preparing an academic exercise” and “submitting as one’s own any academic exercise prepared totally or in part for/by another.” You should not provide any of your work to others, nor accept any work from others. In the event of academic dishonesty, the student will be assigned a grade of 0 on the exam or exercise, the student will be informed in writing of the action taken, and a copy of this letter will be sent to the Assistant Dean for Special Student Services.

**Graduate Students grading:**

Programs, papers and test have a specific session for grads.

- Grading of tests, programs and papers will be **much** more strict
- Extra reading and reports of technical papers will be assigned as part of your grade.

**December 7, Final date to drop classes or resign from University**