Syllabus

Class		Instructor		Grade Calculation	
Lecture	Mon, Wed, Fri 2-3 pm, B165	**Name**	Benoit Razet	**Labs**	20%
Lab	Thur 3-5 pm Dana 215	**Office**	318 Dana	**Homework**	20%
		Phone	577-3397	**2 Midterm exams**	30%
		Office Hours	tba	**Final exam**	20%
		E-mail	`bhcr001@bucknell.edu`	**Research Paper**	10%

Course Description

CSCI-208 is an introduction to the principles which underlie the definition and implementation of programming languages.

Study of modern programming language paradigms. Introduction to the design of programming languages including syntax, semantics, data types and structures, control structures, and run-time environments.

Goals: To be better able to learn new languages as you encounter them later in life. To recognize language concepts as you encounter them later in life. To be able to pick an appropriate programming language for a given task.

Objectives: To become familiar with a variety of languages from different paradigms. To be able to categorize and apply language concepts in programs.

Course Materials

You should have a copy of the following text: *Programming Language Design Concepts* by David Watt.

Academic Conduct

Each assignment in this course has a specific collaboration policy. The policies are explained in the Collaborations Rules posted on the course website. The Computer Science Department also has an Academic Responsibility policy posted on the department website at `http://www.bucknell.edu/Documents/Engineering/student-conduct-policy.pdf` under student information. Students are also expected to read and abide by the principles clearly explained in the Student Handbook at `http://www.bucknell.edu/x1324.xml`. Please read all policies carefully.

Assignment Hand-ins

All assignment problems must be **typed** and **submitted via SVN** as specified on the assignment. You may have to produce drawing or figures for this course. Any drawing format that I can open with a Linux, Windows or Apple software is acceptable.

Labs

Labs are due during the first 10 minutes of the next lab. Labs are graded from 0 to 10 and cannot be re-submitted. Late labs will receive at most an 8. Attendance is required. If you miss a lab without an excused absense, the highest grade you can receive is an 8.

Homework

Homework assignments will give you a chance to solve problems similar to those that will appear on the exams. Homework is due on the due date. Late homework will get a 10% penalty.

Research Paper

There will be one research assigment where you learn a new language and describe it in the terms studied in this course. You will also write some small programs in this language.

Exams

There will be two midterm exams and a cumulative final exam. Exam dates are shown on the course schedule. A midterm can be moved with the unanimous concent of the entire class and the professor if the decision is made more than two weeks before the exam.

Late Assignment Policy

Extensions are possible if you talk to me in a timely fashion.

I will not accept assignments that are more than a week late or when I have already posted or presented a solution.