

## General Information

Warning! This is the first time an undergraduate programming language course has been taught at UNC. It may be rough at times.

This course has four purposes: (1), to teach concepts, such as error handling and data abstraction, found in “state-of-the-art” programming languages; (2), to introduce a few *important*, at least in the mind of the instructor, programming languages; (3), to explain what *really* happens when your Pascal program is executed; and (4), to allow undergraduates studying computer science at UNC to take something other than Statistics in their Senior year.

The textbook for this course is *Programming Languages: Design and Implementation* by Terrence Pratt. The first eight chapters of this book presents the programming language concepts to be taught in the course. We will not go straight through the book, rather we will interleave the book with presentations of specific programming languages, such as LISP, FORTRAN, BASIC, PL/I, C, ADA, and PROLOG. Students will write small (about 100 lines) programs in languages for which we can obtain appropriate language processors.

The instructor for this course is Dean Brock. Presently, there is no TA, but, if enrollment is high (most unlikely), one may be obtained.

Grades will be computed from three sources:

homework assignments (mostly programs)	30 %
midterm	30 %
final exam	40 %

I'd like for you to learn from each other while taking the course. You may consult with each other on programming and homework assignments. Small groups (three people or less), may work together to complete a single program as long as each group member contributes equally to the effort.