



# CSC 112: An Introduction to Programming Using Python

2:00 p.m. - 3:15 p.m.  
Tuesdays & Thursdays  
Bear Hall 165

Eric Patterson, Ph.D.

<http://people.uncw.edu/patterson/e/112>

Office Location: CIS 2031

Office Hours: 10:00 a.m. - 11:00 a.m., 3:15 p.m. - 4:15 p.m., T/Th, 10:00 a.m. - 11:00 a.m., W, or by appointment.

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## Course Description:

This class provides an introduction to programming using Python. The main goal of the course is to help students gain experience and confidence with concepts of computer programming that will allow them to solve meaningful problems in a variety of fields. Basic ideas of computer and software architecture will be covered along with programming concepts such as flow, logic, data structures, modularity, and object-oriented design. Concepts will be practiced and applied using Python, a powerful and dynamic modern programming language that is employed in many industries today because of its ability to facilitate rapid development, low overhead, and reduced maintenance in a variety of application domains.

## Required Materials:

*Exploring Python* by Timothy A. Budd, published by McGraw Hill, (c) 2010.

## Grading:

Homework	20%
Quizzes and Tests	25%
Projects	30%
Final Exam	20%
Class participation, discussion, and presentations.	5%

## Class Policies

Quizzes and tests will cover materials presented in class, whether lecture, video, tutorial, etc., as well as material from the required text or other readings. Quizzes may include written questions and/or practicum.

General computer literacy is required for this course. Plan carefully to complete homework and projects in a timely manner. Late work will be reduced in grade by 5 points each day. There are no make-up quizzes. Please contact me in advance, if possible, if you must miss any graded work.

Unless special circumstances are involved, more than three absences will result in class failure. Students are individually responsible for keeping current with course material and assignments, and all work is to be completed individually unless otherwise noted.

Class announcements supersede posted material. Check website often for course-related announcements.

Academic honesty in all your work is required for a passing grade.

This syllabus may be subject to change with reasonable notice.

