

# Course Syllabus

## Instructor Information

Jeff Whitworth

[jnwhitwo@uncg.edu](mailto:jnwhitwo@uncg.edu)

<https://jnwhitwo.wp.uncg.edu> (Links to an external site.)

Office: McNutt 108G

Office Hours: Mondays 3:30pm - 5pm or By Appointment

## Required Texts

Laberta, Catherine, Computers Are Your Future – Complete, 12th Edition, Upper Saddle River, NJ: Pearson Education Inc., 2012.

ISBN-10: 0-13-254494-6 ISBN-13: 978-0-13-254494-8

Shaw, Zed, Learn Python the hard way: a very simple introduction to the terrifyingly beautiful world of computers and code, 3rd Edition, Upper Saddle River, NJ: Pearson Education, 2015.

ISBN-10: 0-321-88491-4 ISBN-13: 978-0-321-88491-6

*Please bring the appropriate book to each class.*

## Required Data Storage

You will be required to store files and assignments throughout the course. Please be familiar with storing data in cloud storage (Box, Google Drive, etc) or on a USB key so that you will have access during the labs and outside class. Keep your own backups.

## Lecture Meetings

Lecture: 3:30 - 4:45 Tues Petty 217

Lab: 3:30 - 4:45 Thurs Petty 222

## Course Overview

This course is an introduction to computer concepts. Think of it as a survey course in computer science and information technology, similar to an introductory course in one of the other sciences. We will study some computer science theory and some applications of that theory as well as practical application of computer concepts that apply to non-computer science fields.

## Learning Objectives

Upon completion of the course, you should be able to:

- Demonstrate uses of a computer that runs the Windows 7 Professional operating system on a network.
- Create programs using the Python programming language
- Create and publish a simple Web site
- Demonstrate knowledge of operational concepts related to:
  - Internal computer operations
  - Networks

- Internet technology including privacy and security
- Web site design/development
- IT ethics of users and organizations
- Computer Operating Systems and software
- Evaluate and improve your oral communication skills in a variety of contexts

You will *not* learn to use a word processor, spreadsheet, or database application. However, some of the skills you learn from using “data” or “text” files in Python, in addition to skills used in other parts of the course, are transferable to application software. These include using software to design and create web pages for the Internet. Thus, you should feel comfortable enough with those basic skills to explore the advanced features of application software on your own.

### Speaking Intensive Course

UNCG students are required to take two speaking-intensive courses. All sections of CSC 101 are approved for speaking-intensive credit. The purpose of a speaking-intensive course is to help you “speak clearly, coherently, and effectively, as well as to adapt modes of communication to one’s audience.” Because a speaking-intensive course focuses on learning of content through active engagement in oral communication, the class will be interactive.

You will need to (and be encouraged to) share ideas, argue viewpoints, and engage in meaningful discussion.

### University Speaking Center

The University Speaking Center is designed to help you improve your oral communication skills. You have the opportunity to practice your individual or group presentations and to work with a trained consultant. To schedule an appointment, call (336) 256-1346

Hours: (in person OR online)

Mon.-Thurs: 10 am to 7 pm, Fri: 9am to noon, Sun: 4 pm to 8 pm

Location: The Speaking Center is located along with the Writing Center in 3211 MHRA (Moore Humanities and Research Administration Bldg). They are on the third floor. MHRA is on the corner of Forest and Spring Garden -across the street from the Mossman Building.

Phone: 336.256.1346 Google Chat: [uncgspeaking@gmail.com](mailto:uncgspeaking@gmail.com)

### Grading

45% - 3 Exams

20% - 4 Programming Assignments

15% - Group Presentation

10% - Homework and Quizzes

10% - Class Participation

97 – 100 = A+	87 – 89 = B+	77 – 79 = C+	67 – 69 = D+	0 - 59 = F
93 – 96 = A	83 – 86 = B	73 – 76 = C	63 – 66 = D	
90 – 92 = A-	80 – 82 = B-	70 – 72 = C-	60 – 62 = D-	

The projects will require you to use what you have learned in class, in the lab and from outside resources. Oral communication & Participation covers your individual, active, spoken contributions, etc. to in-class discussions. It also covers presentation of course material as a team member.

You need to confirm that your UNIX Server/Genie user id and password are up-to-date and functional for this course.

Use of iClicker is required in the class and will be used to measure class participation as well as quizzes. Students are required to bring their iClicker to both lecture and lab.

### **Dates for Exams and Assignments:**

Tests and assignments due dates will be kept up to date on the class schedule. Assignments are due by 4:45pm on their due date. Late work is not accepted and no make-up exams are offered. Students with planned absences, whether for university events, religious observance, or other reason, are expected to make arrangements with the instructor to turn in assignments or take exams *before* the scheduled date of the assignment or test.

You are responsible for checking the exam and assignment schedule in Backboard for any changes.

### **Final Exam: May 5th 3:30pm – 6:30pm**

### **Class Schedule**

To understand the concepts and to be able to discuss and ask questions, you must read and study the topics and related material before coming to lab class. Then you will know how to apply these concepts during lab sessions.

Exercises from Learn Python the Hard Way and other lab assignments will be started in the lab. Completion of this work will require time outside scheduled lab sessions.

The [class schedule](#) is posted in Canvas and includes lecture and lab topics for each day. Please come prepared to discuss.

### **Attendance Policy**

All students are expected to abide by the university's policy. Regular attendance in class is essential to receiving maximum benefit from the course. It is expected that students will attend and be on time for all classes, labs, etc. If at all possible, please notify the instructor of absences in advance. Failure to notify the instructor or failure to have an acceptable reason for missing a test or other assignment may result in loss of the right to make up the work. After 3 absences a student may be removed from the class. In all cases of absence, the student is responsible for making up all missed work and for coming prepared to the class, lab, etc. following the absence.

### **ACADEMIC INTEGRITY POLICY**

All students are expected to abide by this university policy. Any infraction(s) will result in failure of the entire course and a final course grade of "F".