

**Point Loma Nazarene University**  
**CSC 111: Computer Programming for Absolute Beginners (1 unit)**  
**Spring 2019**

**Instructor:**

Dr. Lori Carter  
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**Office hours:**

TR 7:30-8:30, 11:00-12:15

I am also on campus most Wednesdays

**Course Time and Location:**

TR 8:30-9:25, LA 2, Quad 2

**Text:**

*Computer Programming...Simply: A Brief Introduction to Computer Programming in Plain English.* Carter. Amazon LLC. (Text will be provided in PDF format)

**Additional Supplies:**

Internet-ready Laptop (Mac or PC is fine)

**Catalog Description**

A gentle introduction to computer programming/scripting in the Python language for those with no prior programming experience. Topics include the use/purpose of programming in the context of different academic disciplines along with the basics of writing code. Students will learn to write simple programs using input and output, conditional statements, loops, and graphics. This class is for anyone who wants to join the coding conversation or to gain a background for more rigorous programming courses.

**Class Learning Outcomes:**

- Students will understand what computer programming is.
- Students will be able to apply their technical knowledge to solve problems.

**Course Organization:**

**Lectures:** Most classes will begin with a brief introduction to the lesson that day. Any related PowerPoint slides will be posted on Canvas.

**Classwork:** Classwork will consist of working through the tutorials in the book along with any questions assigned for the day. Anything assigned during class that is not completed in class will be homework due at the beginning of the next class period unless otherwise indicated. **I do not accept late work**, but I will drop your lowest assignment. All classwork may be completed with a partner, **but please turn in only 1 assignment with both names on it.**

**Quizzes:** There will be written quizzes most Thursdays. These will contain questions about code and what you read about programming in the book during the previous week. Written quizzes are closed book, notes, and computer. **Written quizzes cannot be made up, but I will drop the lowest quiz.**

There will be a programming quiz on Tuesday, April 2 where you will be asked to write a program without any help from a person. You will be allowed, however, to use the book, any notes, and any previous programs. The programming quiz is worth 2 written quizzes and cannot be dropped. **If you must miss the programming quiz for a school sanctioned event, you must make arrangements to take the quiz in advance.** Otherwise, unless there is a documented emergency, a missed quiz will receive a 0.

**Final Exam:** The final exam is scheduled for **Thursday at 7:30** and will cover everything discussed during the quad. It will be a written final exam composed of short answer questions. While you will not be asked to write a program, you will be asked to trace a program and determine what it does. You may be asked to find errors in the program, or alter it in some way.

The **final exam date and time** is set by the university at the beginning of the semester and may not be changed by the instructor. This schedule can be found on the university website and in the course calendar. No requests for early examinations will be approved. Only in the case that a student is required to take three exams during the same day of finals week, is an instructor authorized to consider changing the exam date and time for that particular student.

### **Grading:**

Final Exam	30%	Quizzes	30%
Classwork	40%		

Final grades will be determined as follows:

100-93%	A	80-82.9%	B-	67-69.9%	D+
90-92.9%	A-	77-79.9%	C+	63-66.9%	D
87-89.9%	B+	73-76.9%	C	60-62.9%	D-
83-86.9%	B	70-72.9	C-	0-59.9%	F

### **University Mission:**

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

### **Department Mission:**

The Mathematical, Information, and Computer Sciences department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

### **Attendance:**

Attendance is expected at each class session. In the event of an absence you are responsible for the material covered in class and the assignments given that day.

Regular and punctual attendance at all classes is considered essential to optimum academic achievement. If the student is absent from more than 10 percent of class meetings, the faculty member can file a written report which may result in de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. See <http://catalog.pointloma.edu/content.php?catoid=24&navoid=1581#ClassAttendance> in the Undergraduate Academic Catalog.

### **Class Enrollment:**

It is the student's responsibility to maintain his/her class schedule. Should the need arise to drop this course (personal emergencies, poor performance, etc.), the student has the responsibility to follow through (provided the drop date meets the stated calendar deadline established by the university), not the instructor. Simply ceasing to attend this course or failing to follow through to arrange for a change of registration (drop/add) may easily result in a grade of F on the official transcript.

### **Academic Accommodations:**

While all students are expected to meet the minimum standards for completion of this course as established by the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center. ([DRC@pointloma.edu](mailto:DRC@pointloma.edu) or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Section 504 (a) prohibits discrimination against students with

special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

### Academic Honesty

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [http://catalog.pointloma.edu/content.php?catoid=24&navoid=1581#Academic\\_Honesty](http://catalog.pointloma.edu/content.php?catoid=24&navoid=1581#Academic_Honesty) for definitions of kinds of academic dishonesty and for further policy information.

### Copyright Protected Materials:

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

### Credit Hours:

In the interest of providing sufficient time to accomplish the stated course learning outcomes, this class meets the PLNU credit hour policy for a 1unit class delivered over 7 weeks. Specific details about how the class meets the credit hour requirements can be provided upon request.

#### Expected schedule for CSC 111

Monday	Tuesday	Wednesday	Thursday	Friday
25	26	27	2/28 Intro coding/ syllabus Block coding exercises	Mar 1
Mar 4	5 Spring break	6	7 Spring Break	8
11	12 Book chapters 1 and 2. Introduction to programming with Python	13	14 Written Quiz Chapter 3 Mad libs program	15
18	19 More chapter 3	20	21 Written Quiz, start Chapter 4	22
25	26 Chapter 5 – If statements	27	28 Written quiz, finish chapter 5	29
Apr 1	2 Programming quiz	3	4 Chapter 6 – Introduction to loops	5
8	9 More programs with loops	10	11 Written Quiz Begin chapter7 – Nested loops	12
15	16 More work with problems with ifs and loops	17	18 Easter	19
22	23 Chapter 8 and begin final project	24	25 More time on final project, review	26
29	30	Mar 1	2 7:30 final exam	3