

# C S 3A Course Syllabus

## Object Oriented Programming in Python

Please choose your own textbook. I can *recommend* the following:

1. Python for Everyone, 2nd Edition, Cay S. Horstmann, Rance D. Nicaise, ISBN: 978-1-119-18665-6 **or**
2. The ZyBooks ebook "Programming in Python 3", you can get **free** access to Chapter 1 of the ebook by signing up at <https://zybooks.com> (Links to an external site.)Links to an external site.. Enter the book code: **FOOTHILLCS03AMurphyFall2018**, and click *Subscribe* **or**
3. A book of your choice **or**
4. The Python Tutorial, <https://docs.python.org/3/tutorial/index.html> (Links to an external site.)Links to an external site.

I highly recommend that you take the time to explore the free evaluation of Chapter 1 of the ZyBooks "Programming in Python 3" book, it is an innovative approach to learning Python.

Please choose whatever resource looks best to you, but make sure it covers Python VERSION **3**.

We will be studying Python VERSION **3** in this class, so it is critical that you download and install VERSION **3** of the Python language before completing the first assignment. There are instructions in the Modules that tell how to do this.

The following list shows the due dates for lab assignments. After the "Hello World" assignment, each assignment is worth 5 points. You will receive one point off for each WEEK that an assignment is late. Whether you submit an assignment an hour late or a week late, it will receive just one point off.

You can redo and resubmit an assignment if it will improve your score. When you resubmit your assignment after receiving feedback from me, it will necessarily be after the due date, so it will be counted as late.

The midterm and final exams will be open book / open notes, given on paper during class. You will be able to use any books or notes or this website, but you will NOT be able to use an interpreter of any sort.

### Course Summary:

<b>Date</b>	<b>Details</b>
Tue Oct 2, 2018	<a href="#">Assignment #1: "Hello World!"</a> due by 11:59pm
Tue Oct 9, 2018	<a href="#">Assignment #2: "The Cost of Driving"</a> due by 11:59pm
Tue Oct 16, 2018	<a href="#">Assignment #3: "Branching Out"</a> due by 11:59pm
Sun Oct 21, 2018	<a href="#">Assignment #4: "Processing Data"</a> due by 11:59pm
Sun Oct 28, 2018	<a href="#">Assignment #5: "Spelling Numbers"</a> due by 11:59pm
Fri Nov 2, 2018	<a href="#">CS 3A Midterm Exam</a> due by 11:59pm
Sun Nov 4, 2018	<a href="#">Assignment #6: "A List API"</a> due by 11:59pm
Wed Nov 7, 2018	<a href="#">Midterm Exam</a> due by 8:00pm
Sun Nov 11, 2018	<a href="#">Assignment #7: "File Processing"</a> due by 11:59pm
Sun Nov 18, 2018	<a href="#">Assignment #8: "Linguistic Analysis"</a> due by 11:59pm
Sun Nov 25, 2018	<a href="#">Assignment #9: "A Playing Card"</a> due by 11:59pm
Sun Dec 2, 2018	<a href="#">Assignment #10: "Sorting Cards"</a> due by 11:59pm
Wed Dec 12, 2018	<a href="#">Final Exam</a> due by 12:30pm
Fri Dec 14, 2018	<a href="#">CS 3A Final Exam</a> due by 11:59pm