

## PROGRAMMING IN PYTHON (ITP 115)

Fall 2012 Syllabus

|                     |                                |                   |                                |
|---------------------|--------------------------------|-------------------|--------------------------------|
| <b>Instructor</b>   | Rob Parke                      | <b>Day / Time</b> | Tues, Thurs 12:00 PM – 1:50 PM |
| <b>Department</b>   | Information Technology Program | <b>Location</b>   | OHE-542                        |
| <b>Office Hours</b> | after class or by appointment  |                   |                                |

### Required Materials

**Textbook** Dawson, Michael. *Python Programming for the Absolute Beginner* (3<sup>rd</sup> ed.). Boston, MA: Course Technology, 2010.

**Media** USB Flash Drive (at least 512 MB)

**Prerequisites** None, although basic understanding of the operations of computers / Internet is expected

**Credit** 2 units



### Course Objectives

This course is intended to teach the basics of programming in Python. Python's high level data structures and clear syntax make it an ideal first language, while the large number of existing libraries make it suitable to tackle almost any programming tasks.

### Evaluation

|               |     |
|---------------|-----|
| Participation | 10% |
| Assignments   | 35% |
| Midterm       | 25% |
| Final Project | 30% |

### Grade Scale

|    |        |    |       |    |             |
|----|--------|----|-------|----|-------------|
| A  | 100-93 | B- | 82-80 | D+ | 69-67       |
| A- | 92-90  | C+ | 79-77 | D  | 66-65       |
| B+ | 89-87  | C  | 76-73 | F  | 64 or below |
| B  | 86-83  | C- | 72-70 |    |             |

## **Attendance and Drops**

***It is the student's responsibility to withdraw officially from a course.***

Students are expected to attend all class meetings, and they must notify the instructor about absences due to illness prior to class. Student will be dropped from the class for excessive absences as well as for missing the first class meeting.

## **Late Work**

Assignments and projects will be accepted for full credit with a one-week grace period. After that, they will still be accepted, but for 50%.

## **Software**

The software needed for this course is available for free online. All homework and projects will need this software to be completed (available for Mac and Windows).

**Python 2.7.2** <http://www.python.org/download/releases/2.7.2/>

Make sure that you download this version (2.7.2) and not a newer version.

Python 2.7.2 comes with an integrated design environment (IDE) for writing code and creating projects called IDLE. This will suffice for our class, but other IDEs are available with additional features. You may feel free to use another IDE such as Eclipse or NetBeans, especially if you are already familiar with one.

**Python-Supported IDEs** <http://wiki.python.org/moin/IntegratedDevelopmentEnvironments>

## **Academic Integrity**

The use of unauthorized material, communication with fellow students during an examination, attempting to benefit from the work of another student, and similar behavior that defeats the intent of an examination or other class work is unacceptable to the University. It is often difficult to distinguish between a culpable act and inadvertent behavior resulting from the nervous tension accompanying examinations. When the professor determines that a violation has occurred, appropriate action, as determined by the instructor, will be taken.

Although working together is encouraged, all work claimed as yours must in fact be your own effort. Students who plagiarize the work of other students will receive zero points and possibly be referred to Student Judicial Affairs and Community Standards (SJACS).

All students should read, understand, and abide by the University Student Conduct Code listed in SCampus, and available at: <http://web-app.usc.edu/scampus/university-student-conduct-code/>

## **Academic Accommodations – Disabled Students Programs and Services (DSPS)**

Any student requesting academic accommodations based on a disability is required to register with Disability Services and Programs (DSP) each semester. A letter of verification for approved accommodations can be obtained

from DSP. Please be sure the letter is delivered to me (or to your TA) as early in the semester as possible. DSP is located in STU 301 and is open 8:30 a.m. - 5:00 p.m., Monday through Friday. The phone number for DSP is (213) 740-0776.

**Cell Phone / Distraction Policy**

Out of respect for all students, please turn off all phones or MP3 players and refrain from answering, texting, checking email, or updating Facebook / Twitter / etc. during class.

**Syllabus / Course Changes**

This syllabus is a guideline so it is each student's responsibility to note any changes that are made.