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| **Course** | Python Onsite |
| **Instructor** | Ray Bell |
| **Email** | Rbell@codingdojo.com |
| **Phone** | 206-380-0776 |
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***Course Description***

This course introduces the Python programming language. A brief introduction to Python classes and object-oriented design is included. This course will introduce students to the fundamental concepts of programming. You will learn the basic fundamentals of web development using the web frameworks Flask and Django. Upon completion, students should be able to design, code, and debug Python Web Applications.

***Student Learning Outcomes***

Upon successful completion of this course, the student will demonstrate the following Student Learning Outcomes:

* Learn how to design object‐oriented programs with Python classes.
* Create Django/Flask web applications to solve a multitude of problems or needs

**Assignments/Discussions**

Assignments will be assigned via Coding Dojo’s learning platform. You are responsible to submit assignments on time. Failure to submit assignments could result in a failing grade for this stack. (See below)

**Exams**

There will be a final belt exam in this course. The exam will consist of the information/methods learned within this course. You will build a website that follows the wireframe given. This exam will be a timed examination- students will be given 4 ½ hours to complete the exam, with an hour extra to deploy the exam. You must pass this exam to move on to your next stack.

***Attendance***

A critical component of this course derives from your active participation in class. You are a citizen of this community and as a citizen you a have responsibility to be present, both mentally and physically. I expect you to attend every class, to arrive on time, and to participate in all class activities. Failure to do so will result in an absence.   
  
You are allowed two absences during the semester, which you should save for illness and emergencies that prevent you from attending class. Coming into class after the start of the lecture (10:15am) or missing the full day with result in an absence. Likewise, leaving before 3pm will also result in an absence.

Arriving after the start of the class (9am) but before lecture (10:15am) will result in a half absence.

We reserve the right to fail any student who accumulated 3 total absences.

***Course Survey***

Students are required to complete a course survey at both the midpoint and endpoint of this course. This is an important component of this program as it gives the student the opportunity to identify the course/instruction effectiveness.

**Use of cell phones, pagers, and PDAs**

Please turn off or silence cell phones, pagers, and PDAs prior to coming to the face-to-face class sessions.  If you have an emergency and need to keep in communication with someone, please inform your instructor ahead of time. Excessive use can result in a fail for the course.

**Use of laptops in class**

Laptops are required for this course.  With this in mind, please do not use class time for emails, chats, web browsing, or other non-class related activities. Use of laptops for purposes other than class related activities could result in a failing grade.

**Subject to change notice**

All material, assignments, and deadlines are subject to change with prior notice.  It is your responsibility to stay in touch with your instructor, review the course site regularly, or communicate with other students, to adjust as needed if assignments or due dates change.

**Course Grading**

This course is a Pass/Fail course. In order to pass this course you must complete the following before the end of the course:

1. Regularly attend the face-to-face sessions (see attendance policy above).
2. Complete all key-assignments (these are the non-optional assignments)
3. Actively participate in all algorithm practices.
4. Successfully complete the belt exam with a grade of at least 8.0.

Failure to adhere to the guidelines above, or not following guidelines presented within this syllabus will result in a failing grade this course. You must pass this course before moving to your final stacks. In the event of a necessary retake, a fee of $500 will be added on to your tuition. You must talk to your sites’ captain to determine if this fee can be waived.