Spring 2009

CS 340: Programming Language Workshop in Python

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CS 340 Programming Language Workshop in Python (1 Credit)

- **Instructor**: T. K. Prasad
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- **Email**: t.k.prasad@wright.edu
- **Home Page**: [http://www.cs.wright.edu/~tkprasad](http://www.cs.wright.edu/~tkprasad)
- **Quarter**: Spring 2009

- **Office Hrs**: TTh, 3-4pm, 395 Joshi (or by appointment)
- **One and Only Class**: April 2, Thursday, 3-3:30pm, 399 Joshi

### Course Description

This course is designed as a self-study in Python. You are expected to learn the language and solve a set of programming problems assigned to you from *Dietel et al* using Python available from [http://www.python.org](http://www.python.org). There are no exams. We officially meet only once in the quarter. However, I will be available in the posted office hours for clarifications and discussions about the programming problems.

### Prerequisite

- Experience with programming in C++/Java.

### Course Text


### Reference


### Grading

Each programming assignment will be graded as *Pass/Unsatisfactory*, and the letter grade 'P' or 'U' will be assigned at the end of the course.

### Course Policies

1. All work must be turned-in by **May 30, 2009**.
2. Do not expect an incomplete for any reason. Each assignment will also have a separate deadline.
3. You must pass all the assignments to pass the course. The code you turn in must be your own creation. Copying code from available books, or cutting and pasting code from the Internet is strictly prohibited because it defeats the whole purpose of the course.
4. Each program should be well-documented and adequately tested.
5. You must turn in well-documented source code runnable using Python, a README.txt with a brief description of
the program, and where applicable, sample test inputs and outputs to indicate that you have tested your code adequately, as a single zip-archive for each assignment. To turn in the \(i^{th}\) assignment (where \(i = 1,2,3,4\)), create the archive asgi.zip, and execute the following shell command on unixappsl:

\[
\text{csh}\% /common/public/tkprasad/cs340/turnin-pai asgi.zip README.txt
\]

6. You may also be required to demonstrate your code in my office hours after the due date.

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**Assignments**

<table>
<thead>
<tr>
<th>Topic</th>
<th>Problems, Page No. (Dietel et al)</th>
<th>Due Date</th>
</tr>
</thead>
</table>
| I          | Basic Arithmetic and Data structures  
Exercise 4.5 Page 152 | April 14 |
| II         | Object-Oriented Programming  
Exercise 7.4 Page 259 | April 30 |
| III        | Graphics  
Exercises 10.3 & 10.6 Page 387 | May 19   |
| IV         | String Processing  
Exercises 13.7 & 13.8 Page 461 | May 28   |

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*T. K. Prasad (03/25/2009)*