Comp 150Q - 1M: Computer Programming I
Spring 2015
Course Syllabus

Instructor: Brian J. Shelburne
Office: 329 E BDK Science Center
Class Meetings: Lecture: MWF 11:30 -12:30 Rm. 144 BDK Science Center
Labs: Lab1: Th 9:40 – 11:10    Lab2: Th 12:30 – 2:00   Rm 144 BDK Science
Office Hours: see course web site

Texts:  *Python Programming: An Introduction to Computer Science 2nd Edition*; John Zelle

**Course Objectives:**

Although the title of this course is "Computer Programming I", this course is not exclusively a programming course. While Python programming makes up the bulk of the material covered, the course also provides an introduction to many topics and areas of interest in computer science (*breadth issues*) which will be introduced throughout the course via notes and handouts. The Zelle text will be used to cover the Python language in detail.

**Grading:** This course will be graded on 1000 points as follows

<table>
<thead>
<tr>
<th>Component</th>
<th>Points</th>
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<tbody>
<tr>
<td>Three in-class tests each 100 points</td>
<td>300 pts</td>
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<tr>
<td>Graded Programming Assignments</td>
<td>400 pts</td>
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<tr>
<td>Lab Grade</td>
<td>100 pts</td>
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<tr>
<td>Comprehensive Final Exam</td>
<td>200 pts</td>
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<td>1000 pts</td>
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The course letter grade will be determined by the standard >= 90% of 1000 points is an A, >= 80% of 1000 points is a B, >= 70% of 1000 points is a C, >= 60% of 1000 points is a D, and < 60% of 1000 points is an F.

**Labs and Assignments:**

Lab attendance on Tuesday is *de facto* mandatory. If you miss a lab, you will in all likelihood have great difficulty with the course material and any assignment based on the lab. Moreover each lab missed will result in 10 points subtracted from your lab grade. Exceptions will be made only in the case of illness, family emergency, or required attendance at a university-sanctioned event (athletic or academic) provided I’m contacted ahead of time.

**Academic Integrity**

Academic dishonesty of any kind on programming or written assignments or on an exam is not acceptable. This includes, but is not limited to, copying code in whole or part (even if the code is subsequently altered), plagiarism, and/or unauthorized collaboration with another individual on assignments or tests. The University Honor Code will be followed.

All programming and written assignments must carry the following pledge which *must* be signed by the student.

*I affirm that my work upholds the highest standards of honesty and academic integrity at Wittenberg and that I have neither given nor received unauthorized assistance.*

Work on graded programming assignments must be your own. Although you may freely ask questions about the syntax of the Python language or about *what* an assignment calls for, you should not ask for help on the *specifics of how* it's done. Note that distinction between *what* to do vs. *how* to do it. Proper judgment is called for but I trust all parties to make responsible decisions.

For assignments, each student (or pair, if applicable) must turn in their own copy of the assignment, and should fully understand the assignment being turned in. If two students (or pairs) turn in substantially the same program/answers for an assignment in which similarities would ordinarily not be expected, this will be taken as possible evidence of inappropriate collaboration.
All legitimate help must be documented as part of the header comment block (see below)

It is your responsibility to ask about the propriety of any specific situations for which you are not sure. A good rule of thumb is, if you have any doubts about something, don’t do it. Seek clarification first. Ask **before** you begin doing anything that may be inappropriate.

As an added safeguard be sure to properly dispose of all program listings and notes from an assignment.

Cases of academic dishonesty will result in a grade of 0 for all parties involved and will be reported to the Honor Council. A second allegation of a violation of academic integrity will **automatically** result in an Honor Board hearing. See your **Student Handbook** for additional details regarding academic dishonesty.

**Header Comment Block:**

All programming assignments must begin with the following header comment block which lists your name, the date, the file name of the program, a short description of what the program does, a list of people (if any) legitimate help was obtained from and the signed pledge.

```
# # Name:  
# # Date:  
# # File:  
# # Desc:  
# # I Received Help From:  
# # I affirm that my work upholds the highest standards of honesty and academic integrity at Wittenberg and that I have neither given nor received unauthorized assistance.  
# # ____________________________________________________________  
#  
```

All assignments must be handed in at the beginning of class on the day they are due. A 10% per day penalty will be assessed against the grade for each day late (week-end count as one day). Assignments handed in more than three days late will not be accepted – No exceptions!

**Important:** Since collaboration is allowed and indeed is encouraged for in-class labs, the header comment block for labs need not list whom help was received from and should **not** carry the pledge.

**One-Time Test Retake:** If you do poorly on one test you can redo the same test as a take home. The test grade earned will be either the average of the in-class test and the take home retake OR 80% whichever is lower. For example if you make a 50% on the in class test and a 100% on the take home retake, your grade for that test will be 75%; If you made a 70% on the test and a 100% on the retake, though the average is 85%, the grade for the test would be 80% .

1. You may only do this only once!
2. You are not allowed to consult with anyone on the retake. This especially applies to other class members and math workshop tutors. You may make free use of your text book, class notes, class handouts, course website materials and/or homework assignments but no other sources. Think serious about Wittenberg’s Code of Academic Integrity!
3. You will have one week to complete the take home test (but you may hand it in early). Do not need to hand in the original in-class test. I strongly suggest not looking at the old test but to treat the retake as a completely new test.
4. Since time is not a factor for the take-home retake, grading will be stricter. Therefore it is strongly suggested that you **do not copy correct answers** from the in-class test to your take home retake as grading will be stricter. Redo each question.
5. If you elect to retake a test you must contact me within 24 hours of the time a return the test so that I can give you a clean copy for the retake.
6. Obviously this offer is not valid for the final exam.
Class Attendance Bonus: You are expected to attend every class. If a class is missed you are still responsible for any missed material (i.e. all lecture notes will be on-line). If you miss no more than 3 classes and no labs, 20 points will be added to your total points for the course. Note: Absences due to legitimate university sponsored events will not be counted provided I receive notification ahead of time.

Classroom Behavior: Over the years a couple or three things began happening in class that really bug me! So I'm going to request that you do the following

1. Please - Switch off your cell phones and no texting in class!
2. No surfing the web!
3. Please - don't get up in the middle of class to visit the water fountain or the rest room - unless it is ABSOLUTELY NECESSARY

Thank you!

Course Web Site (including Weekly Syllabus): Go to

http://www4.wittenberg.edu/academics/mathcomp/shelburne/Comp150/

or go the Computer Science Program: Department of Mathematics and Computer Science web site

http://www4.wittenberg.edu/academics/mathcomp/computer_science/

and click on the Resources: Course Web Sites link on the left panel to find links to course home pages for all Currently Offered Courses – Spring 2015.

Finally – Your learning in this course is important to me. I invite you to talk with me about ways to ensure your full participation in this course. Please be aware that Wittenberg is committed to providing reasonable accommodations for students with documented disabilities. If you are eligible for course accommodations because of a disability, you need to register with the Academic Services Office, 206 Recitation Hall. After you register, give me your self-identification memo from Academic Services and arrange to talk with me about your learning needs privately in a timely manner. Early identification at the start of the term is essential to ensure timely provision of services. If you have questions or would like more information about services for students with disabilities, please contact the Academic Services, 206 Recitation Hall, extension 7891 or by e-mail at rperry@wittenberg.edu