## Syllabus – CS 1400 – Fundamentals of Programming

### Instructor:
Brad Peterson

### Phone:
801-648-9870  (Google Voice)

### E-Mail
bradleypeterson@weber.edu
bradpeterson@gmail.com

### Office Hours:
Monday and Wednesday 1:00 - 2:30, 4:45. Tuesday from 2:00 to 5:30.
Other times available by appointment.

My office is at room 308 J at the Davis campus.

Students find that email and instant messaging is the most effective way of contacting me. I am available most hours of the day.

### Text:
Introduction to Programming with Java: A Problem Solving Approach, by John Dean and Raymond Dean. This textbook can be useful, but not required.

### Course Description:
This course covers basic operating system operation and components of the development environment. The majority of the course covers basic problem solving and program design of a software application using a selected language. Topics presented and discussed depending on selected language include: thinking logically to solve problems, working with input/output devices, compilation and library use, structured programming and modularity concepts, conditional and iterative structures including recursion, data types and structures, and pointers.

Pre-requisite/Co-requisite: CS 1030.

### Course Objectives:
In addition to the topics mentioned in the Course Description, I also want to focus on these objectives:

* To learn adaptable skills in a software development workplace environment.
* To understand why OO programming is practical and useful for today's applications and work environments.
* To use Java as an instructional language to prepare for future courses.
* To understand how Java works, and in comparison to other programming languages.
* To help you understand the problem solving process common among experienced developers.

### Students with Disabilities:
Any student requiring accommodations or services due to a disability must contact Services for Students with Disabilities (SSD) in room 221 of the Student Services Center here at the Davis Campus. SSD can also arrange to provide course materials (including this syllabus) in alternative formats if necessary). You can also call 801-395-3524 for more details.

### Allocated Time:
You should anticipate spending two to three hours of study per week for each credit hour of a university course. Computer and programming classes typically require time in the upper range.

### Grading:

<table>
<thead>
<tr>
<th>Assignment Type</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Weekly Assignments</td>
<td>50%</td>
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<tr>
<td>Weekly Quizzes</td>
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<tr>
<td>Midterm</td>
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<tr>
<td>Final Exam</td>
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</tr>
<tr>
<td><strong>TOTAL</strong></td>
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</tbody>
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**One late assignment will be accepted for half credit.** If you could not complete an assignment due to an acceptable reason, that will not count as a “late assignment”.

### Assignments:
Homework assignments will generally be assigned on Wednesdays, and will be due the following Wednesday. It is HIGHLY recommended that you complete the assigned homework problems since the quizzes and tests will cover material learned within the assigned chapter.

If for any reason you must submit an assignment via email rather than through online.weber.edu, submit it to bradpeterson+homework@gmail.com.

### Quizzes and exams:
Quizzes and exams will generally be assigned on Mondays. Weekly quizzes will be given on the material covered in class during the prior week and from the text. The quizzes will consist of multiple choice, True/False, and essay or response questions. As long as you read, do your homework problems, you should have no problem receiving a good score for your quiz.
Cheating: CS Department policy dictates that any verifiable evidence of student academic cheating, as defined and determined by the instructor, will result in: 1) an automatic failing grade for the class and 2) a report to the Dean of Students that will include the student's name and a description of the student's dishonest conduct. The University affords you certain rights, including the right to challenge the accusation of cheating. The Dean of Students will explain these rights to you if you are accused of cheating.

The WSU Student Code explains:

a. Cheating, which includes but is not limited to:
   i) Copying from another student's test;
   ii) Using materials during a test not authorized by the person giving the test;
   iii) Collaborating with any other person during a test without authorization;
   iv) Knowingly obtaining, using, buying, selling, transporting, or soliciting in whole or in part the contents of any test without authorization of the appropriate University official;
   v) Bribing any other person to obtain any test;
   vi) Soliciting or receiving unauthorized information about any test;
   vii) Substituting for another student or permitting any other person to substitute for oneself to take a test.

b. Plagiarism, which is the unacknowledged (uncited) use of any other person’s or group’s ideas or work. This includes purchased or borrowed papers;

c. Collusion, which is the unauthorized collaboration with another person in preparing work offered for credit;

d. Falsification, which is the intentional and unauthorized altering or inventing of any information or citation in an academic exercise, activity, or record-keeping process;

e. Giving, selling, or receiving unauthorized course or test information;

f. Using any unauthorized resource or aid in the preparation or completion of any course work, exercise, or activity;

g. Infringing on the copyright law of the United States which prohibits the making of reproductions of copyrighted material except under certain specified conditions.

Letter Grades:

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