CSC 142 Computer Science II

INSTRUCTOR

Name : Dr. Bin Lu  
Office : UNA #143  
Phone: 610-436-2595  
Email: blu <at> wcupa <dot> edu (put "CSC142-02" on the subject line when emailing to me)

Office hours: Mo: 2:00-3:00pm; TuTh: 2:15-4:15pm; or by appointment.

PREREQUISITES

CSC141 Computer Science I

LEARNING OUTCOME GOALS

Students will be able to:
1. understand and write programs using classes  
2. understand and write programs using arrays of both one dimension and two dimensions  
3. understand the concept of recursion and write simple programs that involve recursion  
4. understand GUI programming  
5. write well documented and efficient programs

TEXTBOOK


SOFTWARE

The software the Computer Science Department has chosen for this course is Java, together with the IDE (integrated development environment) jGRASP. We will discuss their usage in class.

You will need a memory stick for laboratories.

All the assignments (program projects) will be submitted to D2L. This class will heavily use D2L. It is your own responsibility to regularly check for announcements and resources that are posted on D2L.

COURSE TOPICS

1. A First Look at Classes (Chapter 6)  
2. Arrays and the ArrayList Class (Chapter 7)  
3. A Second Look at Classes and Objects (Chapter 8)  
4. Recursion (Chapter 16)  
5. A First Look at GUI Applications (Chapter 12)

GRADING POLICY

1. Assignments 30%. There will be 6 assignments, each worth 5 points.
2. Lab 6%. There will be 6 labs, each worth 1 point.
3. First test 20% (in approximately week 6)
4. Second test 20% (in approximately week 11)
5. Final exam 24% (in finals week)

POLICIES ON LATE ASSIGNMENTS
Homework and project deadlines will be enforced. Late homework will be accepted with a 5% reduction in grade for each class period they are late by, and 10% reduction for each week. However, once a homework assignment is discussed in class or the solution is posted, submissions will no longer be accepted. All assignments must be turned in before the start of class on the due date.

POLICIES ON ABSENCES AND MAKEUP WORK
1. Students are allowed to take excused absence. However, evidence, such as university excuse letter or doctor's note, must be shown. The instructor will NOT discuss the content of missed classes with students who take unexcused absence.
2. Students are responsible for discussing makeup exams if they miss exams due to excused absence. The instructor will choose a mutually agreed date and time for the makeup exam. The makeup exam must be taken before the exam keys are distributed or the exams are discussed in class.
3. Late submission of homework assignments due to excused absences is not subject to the policies on late assignments.

IMPORTANT DATES

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
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<tbody>
<tr>
<td>First Day of Classes</td>
<td>January 19</td>
</tr>
<tr>
<td>Last day to drop/add</td>
<td>January 26</td>
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<tr>
<td>Course Withdrawal Period Begins</td>
<td>January 27</td>
</tr>
<tr>
<td>Spring Break</td>
<td>March 7 - March 11</td>
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<tr>
<td>End of Course Withdrawal period. Term Withdrawals only after this date.</td>
<td>March 25</td>
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<tr>
<td>End of term withdrawal period.</td>
<td>April 25</td>
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<tr>
<td>Last Day of Classes</td>
<td>May 2</td>
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<tr>
<td>Final Examination</td>
<td>10:30am-12:30pm, Tuesday, May 3, 2016</td>
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ACADEMIC INTEGRITY

COMPUTER SCIENCE ACADEMIC DISHONESTY POLICY

The Computer Science Department has adopted the following policies in regard to academic dishonesty in Computer Science classes:

1. A student found to be academically dishonest in an assignment will receive zero for that assignment if it is his/her first offense in that class, but an F for the course if it is for his/her second offense in that class.
2. A student found to be academically dishonest in a test will receive the grade of F in that class.

3. For the purposes of this document on academic dishonesty, every form or method of evaluation in a class will be considered as being of one of two types: an assignment or a test. Assignments include homework assignments, and short quizzes. Tests include final exams and major exams. An instructor has, subject to these guidelines, the discretion to determine the type of any other form of evaluation, such as a project, in his/her class.

4. A student who has received the grade of F in a course because of academic dishonesty and who wants or is required to repeat that course may re-take that course only as a regularly scheduled course that is open to the student community in general. In exceptional circumstances, this condition may be revoked, but only by an explicit action to that effect by the full Computer Science Committee, and only then on a case by case basis.

5. The term academic dishonesty is used throughout in the sense provided by the rules and regulations of West Chester University.

The following is taken from The Ram's Eye View of 1997-1998:

Academic dishonesty as it applies to students includes but is not limited to academic cheating; plagiarism; the sale, purchase, or exchange of term papers or research papers; falsification of information which includes any form of providing false or misleading information, written, electronic, or oral; or of altering or falsifying official institutional records. Plagiarism is defined as copying another's work or portion thereof and/or using ideas and concepts of another and presenting them as one's own without giving proper credit to the source.

STUDENTS WITH DISABILITIES

Please see http://www.wcupa.edu/_admin/social.equity/ADA.htm for AMERICANS WITH DISABILITIES ACT POLICY

According to the statement, "...A student who wants to request an accommodation and/or receive specialized services should contact the Director of the OSSD Office. The policies and procedures used by the OSSD Office are contained in the West Chester University Handbook on Disabilities, which is available in the OSSD Office, located at 105 Lawrence Center, V/TDD 610-436-3217."

EMERGENCY PHONE NUMBER

For any emergency incident, contact WCU's Department of Public Safety: 610-436-3311.