Spring 2008

CS 142: Computer Programming - II

Haiyun Bian
Wright State University - Main Campus
Course Description
Concepts introduced in CS 141 are developed in greater detail and depth with the Java programming language. Topics include object oriented programming, graphics, development of user interfaces and exception handling. Student must register for both lecture and one lab section.
Prerequisite: CS 141

Instructor
Dr. Haiyun Bian
Office: 450 Russ Engineering Center
Phone: 937-775-5096
Office Hours: T/Th 2:30 p.m. to 4:00 p.m.
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Textbook

Environment
Netbeans 6.0 and JDK 6.0

Grading
Programming lab assignments: 50%
Exam 1: 25%
Exam 2: 25%
The basic scale is: A:90-100, B:80-89, C:70-79, D:60-69, F:0-59
If you get less than 70% of the possible points on your programming lab, you fail the entire course regardless of your overall course average;
No late projects or laboratory exercises will be accepted. Partial credit is available so always submit the work you have completed on the assigned due date via WebCT

Policy
• Lab attendance is not mandatory.
• No make-up exams unless verifiable emergency
• I encourage working with other people on the course concepts, but all your programs must be your own; sharing of program code will result in a grade of “zero” for all those involved; official university policy will be followed in case of academic dishonesty.
• You can reach me a number of ways. Email is the best as I check it several times a day. You may also stop by my office during office hours or by appointment.

Schedule (subject to change)

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<thead>
<tr>
<th>Week</th>
<th>Topic</th>
<th>Reading</th>
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</thead>
<tbody>
<tr>
<td>1-3</td>
<td>Introduction &amp; Review: methods, objects, classes, arrays, ArrayList</td>
<td>Chapters 1-6, 8, 9</td>
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<tr>
<td>4-5</td>
<td>Inheritance and Polymorphism, Abstract classes and Interfaces</td>
<td>Chapter 11</td>
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<tr>
<td>6-7</td>
<td>GUI programming, Exception Handling, String</td>
<td>Chapters 7, 10, 12</td>
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<td>8</td>
<td>Event Driven Programming</td>
<td>Chapters 7, 14</td>
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<tr>
<td>9-10</td>
<td>User Interfaces, Applets</td>
<td>Chapters 13, 14</td>
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