Spring 2008

CS 242: Introduction to Computer Science III

Haiyun Bian
Wright State University - Main Campus

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Spring 2008: CS 242 Introduction to Computer Science III

Instructor
Dr. Haiyun Bian
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Phone: 937-775-5096
Office Hour: T/TH: 2:30p.m. – 4:00 p.m., or by email appointment
Email: haiyun.bian@wright.edu

Prerequisite: CS 241
Environment: Microsoft Visual C++

Grading:
- 4 Programming assignments (%9 each): 36%
- 8 Laboratory exercises: (3% each) 24%
- 1 Examination 1 20%
- 1 Examination 2 20%

The basic scale is: A:90-100, B:80-89, C:70-79, D:60-69, F:0-59

Policy
- 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.
- Start early on projects and labs! Do not attend the labs empty handed!
- 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.
- It is your responsibility to check WebCT regularly for announcements and materials for this course
- No make-up exams unless verifiable emergency
- 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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<th>Topics</th>
<th>Reading</th>
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<td>1</td>
<td>Basic C++ Syntax</td>
<td>Chapters 1-5</td>
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<td>2</td>
<td>Functions (Parameter Passing)</td>
<td>Chapter 6</td>
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<td>3</td>
<td>Arrays, Sorting and Searching</td>
<td>Chapters 7-8</td>
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<td>4-5</td>
<td>Classes, Inheritance, Polymorphism, Virtual Functions, Exceptions, Templates and STL</td>
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<td>6-7</td>
<td>Pointers and Linked Lists</td>
<td>Chapters 9 and 17</td>
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<td>Stacks and Queues, Recursion</td>
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<td>9-10</td>
<td>Binary Trees</td>
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