Fall 2004

CS 240: Introduction to Computer Science I

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CS 240
Introduction to Computer Science I

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Office Hours: Monday 4:30 - 5:30, Wednesday 1:30-3:30 or by appointment

Language: Microsoft Visual C++ 6.0 Compiler, (available in the library)

Workload: 4 Programming Assignments 30%
8 Laboratory Exercises 20%
2 Examinations 25%
1 Final Examination 25%

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.

Grading: 90-100 A, 80-89.9 B, 70-79.9 C, 60-69.9 D, below 60 F

<table>
<thead>
<tr>
<th>Week</th>
<th>Reading</th>
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| 1    | Introduction to Computers and Programming  
Number Systems  
Data Types, Variables, and Simple I/O | Ch. 1  
Appendix F |
| 2    | Arithmetic and String Expressions  
Quick introduction to Objects | Ch. 2.5-2.6  
Ch. 3 |
| 3    | Basic Flow of Control (Conditional Decisions and Iteration) | Ch. 4 |
| 4    | Functions  
**Examination 1** (Covers chapters 1-4) | Ch. 5.1-5.6 |
| 5    | Procedures and Software Design | Ch. 5.7-5.13 |
| 6    | Classes | Ch. 6 |
| 7    | Advanced Flow of Control | Ch. 7 |
| 8    | Testing and Debugging  
**Examination 2** (Covers chapter 5-7) | Ch. 8 |
| 9    | 1-D Vectors and Arrays | Ch. 9.1-9.5.3 |
| 10   | Multi-dimensional Vectors and Arrays  
Review | Ch. 9.5.4 |