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

Week | Reading
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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
   | Examinaion 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