

COSC 1320 Introduction to Computer Science II
(OOP, elementary data structures, C++ programming language)
Summer 2006 - MTTH 4-6PM

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Signup for the mailing list. Details about homeworks/assignments will be communicated only through email. Please visit the following site for details: <http://www.cs.uh.edu/~svenkat/classes>.

Recommended Text: “Absolute C++,” Walter Savich.

Grading: Assignments 40%, Midterms 1, 2, 3: 15% each, Homework/Quizzes: 15%.
(Expect 4 assignments and 4 or 5 homeworks/quizzes)

Syllabus

Topic
Course Overview, Motivation & Introduction
Principles of Object Oriented Programming
Object Oriented Features in C++ & UML
Classes: Abstraction and Encapsulation
Classes: Construction and Destruction
Classes: Containers
Function Overloading
Operator Overloading
Exception Handling
Elementary data structures: Linked list, Stack, Queues
Inheritance: Concept
Inheritance: Issues and Implementation
Polymorphism: Concept
Polymorphism: Implementation
Input Output System
Templates
Standard Template Library

(Schedule subject to change)

No late submissions allowed

*Most announcements/assignments will be through email
Please signup for the mailing list*