



Course Weekly Outline

Course Name : Object Oriented Programming (II)

Course Instructor					
E-mail					
Title					
Course Coordinator					
Course Objective	Provide students the advanced principles of object oriented programming (operator overloading and inheritance)				
Course Description	Advanced principles of Object oriented programming Implementation				
Textbook	C++ from the Ground Up, Herbert Schildt, Third Edition , McGraw-Hill/Osborne,2003.				
References					
Course Assessments	TermTests	Laboratory	Quizzes	Project	Final Exam
	30%	15%	5%		50%
General Notes					



Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1		Introduction to Operator Overloading		
2		Operator Overloading Using Member Functions		
3		Unary Operators Overloading		
4		Operator Overloading Tips and Restrictions		
5		Nonmember Operator Functions		
6		Using a Friend to Overload a Unary Operator		
7		Overloading the Relational and Logical Operators		
8		Introducing Inheritance		
9		Base Class Access Control		
10		Using protected Members		
11		Inheriting Multiple Base Classes		
12		Constructors, Destructors, and Inheritance		
13		Passing Parameters to Base Class Constructors		
14		Virtual Base Classes		
15		Final Exam		

Instructor Signature:

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