Republic of Iraq
The Ministry of Higher Education & Scientific Research

University: Anbar
College: CS & IT
Department: CS
Stage:2nd
Instructor name:
Academic status:
Qualification:
Place of work:

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					

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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: **Dean Signature:**