

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq
The Ministry Of Higher Education
& Scientific Research



University: University of Baghdad
College: College of Science for Women
Department: Department of
Computer Science
Stage: second stage
Lecturer name: muna khalaf
Qualification: Master of Science

Syllabus Form

Instructor Name	Muna khalaf dhamad										
E-mail	Muna_iqbd@yahoo.com										
Course Title	Structured programming										
Course Coordinator											
Course Objectives	design and write programs using Object-oriented programming in C++										
Course Description	1- Explore C++ programming environment 2- Explore object-oriented programming 3- Learn about inheritance										
Textbook											
References	1-Joyce Farrell ,“Object-Oriented Programming Using C++” , Addison-Wesley Publication,2009 2- D.S. Malik ,“C++ Programming: From Problem Analysis to Program Design”, Addison-Wesley Publication,2001										
Course Assessments	<table border="1"><thead><tr><th>Term Tests</th><th>Laboratory</th><th>Quizzes</th><th>Project</th><th>Final Exam</th></tr></thead><tbody><tr><td>20%</td><td>15%</td><td>5%</td><td>-</td><td>60%</td></tr></tbody></table>	Term Tests	Laboratory	Quizzes	Project	Final Exam	20%	15%	5%	-	60%
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General Notes											

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Second Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	2016/1 /26	A general review for the class in c++ , constructor and destructors	solving exercises about what explained in the lecture	
2	2016/2 /2	Overview for Friends functions in class	solving exercises about what explained in the lecture	
3	2016/ 2/9	using default parameter in function and in class	solving exercises about what explained in the lecture	
4	2016/2 /16	Defining static data members with class in C++	solving exercises about what explained in the lecture	
5	2016/ 2/23	Using Static Function with class in C++	solving exercises about what explained in the lecture	
6	2016/3 /1	Overview for Inheritance and derived classes	solving exercises about what explained in the lecture	
7	2016/ 3/8	Understanding inheritance restrictions	solving exercises about what explained in the lecture	
8	2016/ 3/15	Overriding inherited access	solving exercises about what explained in the lecture	
9	2016/ 3/22	Understanding Overriding and overloading in inherited classes	solving exercises about what explained in the lecture	

10	2016/ 3/29	Exam		
11	2016/ 4/5	Understanding base class construction	solving exercises about what explained in the lecture	
12	2016/4 /12	Understanding Multiple inheritance	solving exercises about what explained in the lecture	
13	2016/4 /19	Understanding Virtual base classes	solving exercises about what explained in the lecture	
14	2016/4 /26	polymorphism	solving exercises about what explained in the lecture	
15	2016/5 /3	Types of polymorphism	solving exercises about what explained in the lecture	

Instructor Signature:

Dean Signature: