

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq  
The Ministry Of Higher  
Education  
& Scientific Research



**University:** Baghdad  
**College:** Science for women  
**Department:** computer science  
**Stage:** third stage  
**Lecturer name:** Ammar Jassim  
**Qualification:** M.Sc. in Computer  
Science  
**Place of work:** college of Science  
for women/ computer science

## Syllabus Form

Instructor Name	Ammar Jassim				
E-mail	Ammar_husein_2004@yahoo.com				
Course Title	Advance Programming1				
Course Coordinator					
Course Objectives	Teach students programming by java				
Course Description	<b>This course explains the object oriented programming using java .</b>				
Textbook	1. java how to program Deitel and Deitel 2. java with oop and web Application 3. Network programming using java by David Reilly.				
References	1. java how to program Deitel and Deitel 2. java with oop and web Application 3. Network programming using java by David Reilly				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(25%)	As(15%)	As(0%)	-	As(60%)
General Notes	Type here general notes regarding the course				

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### Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1		Java program structure	Java Overview	
2		Classes and OOP	Create Application in Java	
3		Classes and OOP	Read and Write in Java	
4		Java feature and constructors	Debug first Application	
5		Java feature and constructors	Arrays in Java	
6		Control structure	Access Modifiers in Java	
7		Control structure	Adding/Removing Classes to a Package	
8		Developing java application	Defining Methods	
9		Developing java application	Building Constructors	
10		Developing java application	Overloading Methods	
11		Inheritance and class extension	Overriding Methods	
12		Inheritance and class extension	Overriding Constructors	
13		Exception handling	Linking the Shared Classes in Different Packages	

14		<b>Object based programming</b>	<b>String Class Operations</b>	
15		<b>Multimedia, images, animation and audio</b>	<b>Integer Class Operations</b>	

**Instructor Signature:**

**Dean Signature:**