

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



University: Baghdad  
College: Arts  
Department: Geography  
Stage: First  
Lecturer name: Dr. HUSAM SAHIB  
Qualification: Ph.D.  
Place of work: U.B. College of Arts

### Flow up of implementation celli pass play

Course Instructor	<b>Dr. HUSAM SAHIB HASSON AL-TUAMA</b>				
E-mail	<b>Husamaltumma@coart.uobaghdad.edu.iq</b>				
Title	<b>Map</b>				
Course Coordinator	<b>One Course</b>				
Course Objective	<b>Understand Design Elements of Maps</b>				
Course Description	<b>Study History of Maps and Design Elements of Maps</b>				
Textbook	<b>Almsruf , Hashem , The Maps Science, baghdad ,1982 .</b>				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(٢٠%)	–	(10%)	----	(٧0%)
General Notes	-				

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



University: Baghdad  
College: Arts  
Department: Geography  
Stage: First  
Lecturer name: Dr. HUSAM SAHIB  
Qualification: Ph.D.  
Place of work: U.B. College of Arts

## Course Weekly Outline

Week	Date	Topes Covered	Lab. Experiment Assignments	Notes
1	٢٠١٠/١٠/١٠	Map Concept		
2	٢٠١٠/١٠/١٧	History of Maps		
3	٢٠١٠/١٠/٢٤	The Classes of Maps		
4	٢٠١٠/١٠/٣١	Design of Maps		
5	٢٠١٠/١١/٧	Elements of Maps		
6	٢٠١٠/١١/١٤	Scales of Maps	Drawing test	
7	٢٠١٠/١١/٢١	Scales of Maps	Drawing test	
8	٢٠١٠/١١/٢٨	Measurment of Distance	Drawing test	
9	٢٠١٠/١٢/٥	Measurment of Area	Drawing test	
10	٢٠١٠/١٢/١٢	Enlarged of Maps	Drawing test	
11	٢٠١٠/١٢/١٩	Enlarged of Maps	Drawing test	
12	٢٠١٠/١٢/٢٦	Map Reading		
13	٢٠١١/١/٢	Abstract of Maps	Drawing test	
14	٢٠١١/١/٩	Longitudes and Latitudes	Drawing test	
15	٢٠١١/١/١٦	Maps Projections		
16	٢٠١١/١/٢٣	The Classes of Projections		
<b>Half – year break</b>				

INSTRUCTOR Signature:

Dean Signature:

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



University: Baghdad  
College: Arts  
Department: Geography  
Stage:2  
Lecturer name: Dr. HUSAM SAHIB  
Qualification: Ph.D.  
Place of work: U.B. College of Arts

### Flow up of implementation celli pass play

Course Instructor	<b>Dr. HUSAM SAHIB HASSON AL-TUAMA</b>				
E-mail	<b>Husamaltumma@coart.uobaghdad.edu.iq</b>				
Title	<b>Distribution Maps</b>				
Course Coordinator	<b>One Course</b>				
Course Objective	<b>Maps Design Thematic &amp; Classes of Maps and Drawing Thematic Map</b>				
Course Description	<b>Assuad , Falah , Thematic Maps , Mosul , 1991 .</b>				
Textbook	<b>DENT , BORDEN D. , CARTOGRAPHY Thematic Map Design , Georgia State University , Mc Graw-Hill , 1999.</b>				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	(٢٠%)	-	(10%)	----	(٧0%)
General Notes	-				

Republic of Iraq  
The Ministry Of Higher Education  
& Scientific Research



University: Baghdad  
College: Arts  
Department: Geography  
Stage:2  
Lecturer name: Dr. HUSAM SAHIB  
Qualification: Ph.D.  
Place of work: U.B. College of Arts

### Course Weekly Outline

Week	Date	Topics Covered	Lab. Experiment Assignments	Notes
1	٢٠١٠/١٠/١٠	-	Symbols of Maps Distribution	
2	٢٠١٠/١٠/١٧	-	Symbols of Maps	
3	٢٠١٠/١٠/٢٤	-	The Symbols Classes	
4	٢٠١٠/١٠/٣١	Drawing Map	Dot Maps	
5	٢٠١٠/١١/٧	-	Pictorial Symbols	
6	٢٠١٠/١١/١٤	Drawing Map	Proportional Bar Symbols	
7	٢٠١٠/١١/٢١	Drawing Map	Proportional Two Bar	
8	٢٠١٠/١١/٢٨	Drawing Map	Proportional Circles	
9	٢٠١٠/١٢/٥	Drawing Map	Proportional Circles	
10	٢٠١٠/١٢/١٢	Drawing Map	Proportional Squares	
11	٢٠١٠/١٢/١٩	Drawing Map	Proportional Triangles	
12	٢٠١٠/١٢/٢٦	Drawing Map	Balls and Cubes Symbols	
13	٢٠١١/١/٢	Drawing Map	Flow Lines	
14	٢٠١١/١/٩	Drawing Map	Kind of Flow Lines	
15	٢٠١١/١/١٦	Drawing Map	Area Symbols	
16	٢٠١١/١/٢٣	Drawing Map	Kind of Area Symbols	
Half – year break				

INSTRUCTOR Signature:

Dean Signature: