

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
Mathematic
Stage: 2nd Stage
Lecturer name: AWATIF ALI
Qualification: Msc in Mathematic
Place of work: College of Science for
Women

Syllabus Form

Instructor Name	AWATIF ALI				
E-mail	Awatif_1955@yahoo.com				
Course Title	Mathematic in chemistry				
Course Coordinator					
Course Objectives	Partial different in a function of several variablas , multipleInt.				
Course Description	Series ,test of convergence power , maciaurin , area & vol.				
Textbook	CALCULUS Finney / Theomas vol.1				
References	Math for chemistry vol.2 by martin C.R cockett & E.R				
Course Assessments	Term Tests	Laboratory	Quizzes	Project	Final Exam
	As(35%)	As(15%)	As(10%)	-	As(40%)
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	28/9/2015	Function of several variables		
2	5/10/2015	Partial differentions		
3	12/10/2015	Partial derivatives of higher orders		
4	19/10/2015	Multiple integral		
5	26/10/2015	Few application of multiple int.		
6	2/11/2015	Application of definit int.		
7	9/11/2015	Triple Integrais		
8	16/11/2015	Exam		
9	23/11/2015	Series		
10	30/11/2015	Tests of convergence		
11	7/12/2015	Power series		
12	14/12/2015	Taylor series		
13	21/12/2015	Maciaur series		
14	28/12/2015	Application		
15	4/1/2016	Areas between curves		
16	11/1/2016	Exam		
Half – year break				
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Instructor Signature:

Dean Signature: