



Course Weekly Outline

Course Lecturer	Professor Mohammed Abood Tahir			
e-mail	maboodtahira@sa-uc.edu.iq			
Title	Operational research			
Course Coordinator				
Course Objective	It aims to teach the how to solve problems by operational research methods			
Course Description	Operational research course covers most of introduction to operational research			
Textbook	Operational research by Mohammed Abood Tahir			
References	Operations research by H. Taha			
Course Assessment	Term Exam	Project	Quizzes and Attendance	Final Exam
	30		10	60
General Notes				



College : Shatt Al Arab University
 Department : Business Administration
 Stage: Third
 QSB
 Lecturer Name: professor Mohammed
 Abood Tahir
 Academic Status: professor
 Qualification: PhD

Republic of Iraq
 The Ministry of Higher Education and
 Scientific Research
 Supervision and Scientific Evaluation
 Body

Course organizing

Date	week	Topics Covered	Number of Hours	Notes
	1	How to run QSB	practical application	
	2	commands and tools of the QSB	practical application	
	3	Graphical method for solving linear programming	practical application	
	4	Simplex method	practical application	
	5	Solving Integer Programming problems	practical application	
	6	Solving Goal Programming Problems	practical application	
	7	Transportation Models	practical application	
	8	Assignments	practical application	
	9	Solving Shortage Path problems	practical application	
	10	Solving Shortage Path problems	practical application	
	11	Solving Salesman problems	-	
	12	Solving Queuing Problems	practical application	
	13	Solving Queuing problems	practical application	

	14	Solving Network problems	practical application	
	15	General review	practical application	

Lecturer signature

Head of Department Signature