



### Course Weekly Outline

<b>Course Lecturer</b>	Professor Mohammed Abood Tahir			
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<b>Title</b>	Operational research			
<b>Course Coordinator</b>				
<b>Course Objective</b>	It aims to teach the how to solve problems by operational research methods			
<b>Course Description</b>	Operational research course covers most of introduction to operational research			
<b>Textbook</b>	Operational research by Mohammed Abood Tahir			
<b>References</b>	Operations research by H. Taha			
<b>Course Assessment</b>	<b>Term Exam</b>	<b>Project</b>	<b>Quizzes and Attendance</b>	<b>Final Exam</b>
	30		10	60
<b>General Notes</b>				



College : Shatt Al Arab University College  
Department : Business Administration  
Stage: Third  
Operational research  
Lecturrer Name: professor Mohammed  
Abood Tahir  
Academic Status: professorr  
Qualification: PhD

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

## Course organizing

Date	week	Topics Covered	Number of Hours	Notes
17/9/2023	1	<b>Introduction</b>	practical application	
23/9/2023	2	<b>Forma of linear programming</b>	practical application	
30/9/2023	3	<b>Graphical method for solving linear programming</b>	practical application	
7/10/2023	4	<b>Simplex method</b>	practical application	
14/10/2023	5	<b>Duality of linear programming</b>	practical application	
21/10/2023	6	<b>Exam</b>	practical application	
28/10/2023	7	<b>Transportation models</b>	practical application	
4/11/2023	8	<b>Transportation models</b>	practical application	
11/11/2023	9	<b>Assignment</b>	practical application	
18/11/2023	10	<b>Assignment</b>	practical application	
25/11/2023	11	<b>Network</b>	-	
2/12/2023	12	<b>Network</b>	practical application	
9/12/2023	13	<b>Game theory</b>	practical application	
16/12/2023	14	<b>Game theory</b>	practical application	
23/12/2023	15	<b>Queuing theory</b>	practical application	

Lecturer signature

Head of Department Signature