Course Description Form

1. Course Name:

Operation Research

2. Course Code:

3. Semester / Year:

2nd/second years

4. Description Preparation Date:1/9/2024

5. Available Attendance Forms:

6. Number of Credit Hours (Total) / Number of Units (Total)

45

7. Course administrator's name (mention all, if more than one name)

Name: Abdul Hassan Rahim
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8. Course Objectives : Learn about scientific research methods

Course Objectives	Enable the student to benefit from scientific research in planning and decision-making processes

9. Teaching and Learning Strategies

Strategy	

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1	2	Understanding the material	Introduction	Lectures Case study Discussions	oral test questions
2	2	Understanding the	Linear	Lectures	oral test

		material	Programming L.P	Case study Discussions	questions
3	**2**	Understanding the material	Linear Programming Model	Lectures Case study Discussions	oral test questions
4	**2**	Understanding the material	Examples	Lectures Case study Discussions	oral test questions
5	**2**	Understanding the material	Graphic Method	Lectures Case study Discussions	oral test questions
6	**2**	Understanding the material	Examples	Lectures Case study Discussions	oral test questions
7	**2**	Understanding the material	Simplified Method	Lectures Case study Discussions	oral test questions
8	**2**	Understanding the material	Examples	Lectures Case study Discussions	oral test questions
9	**2**	Understanding the material	Duality in linear programming	Lectures Case study Discussions	oral test questions
10	**2**	Understanding the material	Transfer form	Lectures Case study Discussions	oral test questions
11	**2**	Understanding the material	Customization form	Lectures Case study Discussions	oral test questions
12	**2**	Understanding the material	Special cases	Lectures Case study Discussions	oral test questions
13	**2**	Understanding the material	Network diagram analysis	Lectures Case study Discussions	oral test questions

14	**2**	Understanding the material	Critical path	Lectures Case study Discussions	oral test questions
15	**2**	Understanding the material	Game theory	Lectures Case study Discussions	oral test questions

11. Course Evaluation

Distributing the score out of 100 according to the tasks assigned to the student such as daily preparation, daily oral, monthly, or written exams, reports .... etc

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	
Main references (sources)	
Recommended books and references (scientific journals, reports…)	
Electronic References, Websites	

أ.م.د عبدالكريم عبدالقني عودة

رئيس القسم

جامعة شط العرب
قسم المحاسبة
كلية الادارة والاقتصاد

م.م عبدالحسن حمادي طاهر