**Ministry of Higher Education and Scientific Research**

**Supervision and Scientific Evaluation Body**

**Quality Assurance and Academic Accreditation Office**

**Course Description Sample**

**Subject:**

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| Project management |

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| 1. Educational Institution | Shatt Al Arab University College  |
| 2. Department / Center | Computer Engineering Techniques. |
| 3. Course Title /Code |  Project management |
| 4. Lecturer Name | Noor Abdulsalam Abdullah  |
| 5. Type of Teaching | Theary  |
| 6. Academic Year /Term | 2024/2025 |
| 7. Total No. of Teaching Hours | 60 Hours |
| 8. Date f Preparing this Course Description | 8/10/2024 |

9. **Course Objectives**

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| Study the basic concepts of project management. |
| Study of engineering economics. |
| Understand how to use business networks in project planning and control. |
| Knowing the time required to implement the project. |
| Study of linear programming. |
| Study of break-even point analysis methods  |
| Study the concepts of maintenance and inventory management |

10. **Course Output, Methodology and Evaluation**

**Cognitive Objectives**

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**Methods of Teaching and Learning**

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**Methods of Evaluation**

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| **Number calendar element degree** |

 (C) **Sentimental and Value Objectives**

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**Methods of Teaching and Learning**

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**Methods of Evaluation**

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D) **General and Qualitative Skills (other skills related to the ability of employment and personal development)**

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11. **Course Structure**

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| **Week** | **No of Hours** | **Required Learning Output** | **Title of Subject** | **Teaching Method** | **Evaluation** |
| 1,2 | 4 | Knowing the concepts of project management  | Project management | lecture | Oral questions |
| 3,4 | 4 | Knowing the methods of calculating engineering economics  | engineering economics | lecture | Oral questions |
| 5 | 2 | Calculating productivity | productivity | lecture | Oral questions |
| 6 | 2 | Knowing how draw network  | Network diagram | lecture | Oral questions |
| 7,8,9 | 6 | Knowing how to draw networks  | Network diagram drawing methods  | lecture | Oral questions |
| 10,11,12 | 6 | Knowing how calculates the critical path and critical time  | calculating the critical path and critical time | lecture | Oral questions |
| 13,14,15 | 6 | How to calculate the time and cost of the project  | PERT method  | lecture | Oral questions |
| 16,17 | 4 | Knowing how to draw relationships between activities | Relationships between activities | lecture | Oral questions |
| 18,19,20,21 | 8 | Knowing how to linear programming methods | Linear programming | lecture | Oral questions |
| 22,23,24 | 6 | Calculating the break-even point  | methods of analyzing the break-even point  | lecture | Oral questions |
| 25,26 | 4 | Calculating the cost of inventory  | Inventory | lecture | Oral questions |
| 27,28 | 4 | Calculating the concepts of maintenance  | Maintenance concepts  | lecture | Oral questions |
| 29,30 | 4 | Calculating quality control  | Quality control | lecture | Oral questions |

12.**Infrastructure**

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| a. Textbooks |  |
| b. References |  |
| c. Recommended books and periodicals (journals, reports, etc.) |  |
| d. Electronic references, internet websites, etc |  |

13. **The Plan of Improving the Course**

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