

COURSE PLAN

FIRST: BASIC INFORMATION

College

College : Faculty of Karak - Balqa Applied University
 Department : Department Of Basic and Information Science

Course

Course Title : Project Management
 Course Code : 020112224
 Credit Hours : 3 (3 Theoretical, 0 Practical)
 Prerequisite : 020112182

Instructor

Name : Aswan sabrie al dalaen
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 Office Hours :
 Class Times

Text Book

- Nicholas j., Sten H. (2008). Project Management for business, Engineering, and Technology , 3 RD Edition ,

References

- Construction Project Management: A Practical Guide to Field Construction Management 5th Edition
- Construction Project Management An Integrated Approach By Peter Fewings, Peter Fewings, Christian Henjewe
- Project Management for Building Construction
- Project Management for Construction (cmu.edu)

SECOND: PROFESSIONAL INFORMATION

COURSE DESCRIPTION

This course cover working knowledge for project management methods based on time, schedule, and budget. For this, it provide Scheduling Methods, Arrow Networks, Critical Path Methods, bar charts, cost time trade-offs and resource analysis.

COURSE OBJECTIVES



The objective of this course is to enable the student to do the following:

- Explain what project management is.
- Recognize the meaning and necessity of the schedule.
- Recognize the types and stages of planning
- Recognize the purpose and necessity of the plan.
- Draw a chart with arrow activity and nod activity.
- Describe critical path methods

COURSE LEARNING OUTCOMES

On successful completion of this course, students are expected to be able to:

- CLO1. Explain the concepts and principles of project management
- CLO2. Adjust the project life cycle
- CLO3. Explain and demonstrate the fundamentals of planning
- CLO4. Recognize the knowledge required for project time planning and networks
- CLO5. Analyze project networks and scheduling
- CLO6. Recognize how to manage costs

COURSE SYLLABUS

Week	topic	Topic details	Related LO and Reference (Chapter)	Proposed assignments
1	Introduction	<ul style="list-style-type: none"> • Functions and viewpoints of management • Evolution of project management • Where is project management appropriate? • Management by project: A common Approach 	CLO1	
2	What is project management	<ul style="list-style-type: none"> • Different forms of project management • Project environments 	CLO1	
3	Project life cycle	<ul style="list-style-type: none"> • Project life cycle • Managing the project life cycle 	CLO2	
4	Planning fundamentals	<ul style="list-style-type: none"> • Planning steps • The project master plan • Scope and statement of work • Work definition 	CLO3	
5	Planning fundamentals	<ul style="list-style-type: none"> • Project organization and responsibilities • Scheduling 	CLO3	
6	Planning fundamentals	<ul style="list-style-type: none"> • Planning and Scheduling chart • Procurement management 	CLO3	
7	Project time planning and networks	<ul style="list-style-type: none"> • Project time planning • Networks diagrams 	CLO4	



Week	topic	Topic details	Related LO and Reference (Chapter)	Proposed assignments
8	Midterm exam			
9	Project time planning and networks	<ul style="list-style-type: none"> Project time planning The critical path 	CLO4	
10	Project time planning and networks	<ul style="list-style-type: none"> Ganttcharts and calendar schedules Management schedule reserve Precedence diagramming method 	CLO4	
11	Project time planning and networks	<ul style="list-style-type: none"> Scheduling with resource constraints 	CLO4	
12	Advanced project network analyses and scheduling	<ul style="list-style-type: none"> CPM and Time-cost Tradeoff 	CLO5	
13	Advanced project network analyses and scheduling	<ul style="list-style-type: none"> Variability of activity duration PERT 	CLO5	
14	Cost estimating and budgeting	<ul style="list-style-type: none"> Cost estimation Budgeting 	CLO6	
15	Cost estimating and budgeting	<ul style="list-style-type: none"> Life cycle costs Cost estimating process 	CLO6	
16	Final exam			

COURSE LEARNING RESOURCES

Teaching will be achieved using available resources including lectures, data show, and materials uploaded on the e-learning system.

ONLINE RESOURCES

<https://plan.io/blog/project-management-books/>

ASSESSMANT TOOLS

Assessment Tools	%
Projects and Quizzes	20%
MID Exam	30%
Final Exam	50%
Total Marks	100%

**THIRD: COURSE RULES****ATTENDANCE RULES**

Attendance and participation are extremely important, and the usual University rules will apply. Attendance will be recorded for each class. Absence of 10% will result in a first written warning. Absence of 15% of the course will result in a second warning. Absence of 20% or more will result in forfeiting the course and the student will not be permitted to attend the final examination. Should a student encounter any special circumstances (i.e. medical or personal), he/she is encouraged to discuss this with the instructor and written proof will be required to delete any absences from his/her attendance records.

GRADING SYSTEM**Example:**

Average	Maximum	Minimum
Excellent	100%	90%
Very Good	89%	80%
Good	79%	70%
Satisfactory	69%	60%
Weak	59%	50%
Failed	49%	35%

REMARKS

{The instructor can add any comments and directives such as the attendance policy and topics related to ethics }

COURSE COORDINATOR**Course Coordinator :****Department Head:****Signature:****Signature:****Date:****Date:**