



QURTUBA UNIVERSITY

Of Science and Information Technology

D.I Khan, Peshawar Khyber Pakhtunkhwa, Pakistan.

Course Name	Project Management
Course Code	MGT307
Semester	6th
Credit Hours	03
Total Weeks	16/18
Total Hours	48/54
Total Marks	100
Pre-requisite	None

Course objectives

This course will broaden the skills to implement and manage projects effectively. This will also help you to better appreciate the importance of good project management. After doing this course you will gain:

- Basic knowledge of the nature and importance of projects in the international as well as local arena;
- Working knowledge of the disciplines and knowledge areas involved in project management;
- Practical knowledge and skill to apply project management techniques required in the identification, planning, management and execution of projects;
- Awareness of best practices in respect of project management.
- How to apply project management concepts by working on a group

Grading Criteria

Distribution	Weight
Quizzes, Assignments, and class participation	10
Mid Term	20
Final Term	70
Total	100

Recommended Book:

1. Project management by Meredith Mantel (Fourth Edition) PMBOK ® Guide, 4th Edition
2. The Project Management Life Cycle By Jason Westland, 2006
3. Project Management By David I Cleland
4. The Little Black Books of Project Management by Micheal C Thomsell, 3rd Edition (American Management Association, AMA)

WEEK WISE BREAKDOWN

Week	Description
1	Introduction: <ul style="list-style-type: none"> • Project Defined • Significance • Quadruple Constraints • Project Life Cycle <ul style="list-style-type: none"> ○ Initiation ○ Planning ○ Execution ○ Termination / Close out
2	<ul style="list-style-type: none"> • Decision criteria under certainty • Criteria for project selection models. • Types of project selection models. • Non-Numerical models.
3,4	<ul style="list-style-type: none"> • Pay back period (PBP) • Net Present Value (NPV) • Internal rate of return (IRR) • Benefit cost ratio (BCR)
5	Using Criteria's for choosing Projects <ul style="list-style-type: none"> • PBP • NPV • IRR • BCR
6	Decision rules under uncertainty: <ul style="list-style-type: none"> • Introduction • The pay-off Matrix • The Maximin & Maximax Principle
7	<ul style="list-style-type: none"> • The Maximax & Minimin Principle • The Hurwicz rule • Numerical
8	Work Breakdown Structure <ul style="list-style-type: none"> • Introduction • WBS • Purpose • Organizational Breakdown Structure (OBS)
Two Assignments + Two Test Mid Term Exam	
9	Network Analysis: <ul style="list-style-type: none"> • Introduction • Bar Charts • GANTT Charts
10,11	Network Diagrams <ul style="list-style-type: none"> • Activities, Events & Nodes

	<ul style="list-style-type: none"> • Network Analysis • CPM • PERT
12	<p>Numerical Treatment</p> <ul style="list-style-type: none"> • Network Analysis • CPM • PERT
13,14	<p>Budgeting and cost estimation</p> <ul style="list-style-type: none"> • Budget definition • Estimating project budget • Top-Down budgets • Bottom-Up budgets • Activity budgeting v/s program budgets
15	<ul style="list-style-type: none"> • Project Control • Definition of control • The fundamental purpose of control • Physical asset control • Human Resource Contract • Financial Resource control
16	Assignment Presentation
16	<p>Set-off and carry forward of losses</p> <ul style="list-style-type: none"> • Loss from source of income • Set-off losses • Carry forward of losses
15	<p>Income Tax Authorities</p> <ul style="list-style-type: none"> • Central board of revenue (CPOR) • Director general of inspection • Regional commissioner • Commission of income tax • Inspector of income tax • Income tax of office (ITO) • Tax recovery officer
16	<p>Assessment of Individual</p> <ul style="list-style-type: none"> • Total income of individual • Taxable income • Tax payable

Learning Outcomes:

- Explain project management terminology
- Explain the life cycle approach to project management
- Explain project initiation processes
- Identify project management knowledge areas
- Identify project management skills