



Basic Information:

Title:	Project Management (IT)	Code:	MGMT 470
Program:	BBIT (IT Major)	Credit Hours:	Three (03)
Sessions:	30 Classes + Mid Term + Final Term	Pre-Requisite:	Software Engineering

Course Description:

This course gives you the overview about, What Project Management actually is? What tools and techniques you will use to manage your project? Similarly, all about the Scope Management, Schedule Management, Cost management, risk management, Quality management, Resource Management, Procurement Management Stakeholder Management, and project Initiation, planning, Executing, Monitoring and Control and Closing activities will be covered in this course.

Learning Outcomes:

After completing this course, students will be able to:

- ✓ *make the project Charter.*
- ✓ *manage large-scale or small project?*
- ✓ *assure the quality of the project?*
- ✓ *plan and Manage Resources in the project.*
- ✓ *identify and Manage Risk in the project.*
- ✓ *What strategies you must follow for customer satisfaction?*
- ✓ *How you will implement these strategies, techniques and tools for the completion of project?*

Teaching Learning Methodology:

The formal teaching component of this course consists of active student participation in and contribution to all forms of teaching and learning i.e. lectures, discussions, research assignments, case studies of Failed as well as Successful projects and term projects. Lectures will be twice a week of 90 min each. PM Sessions and Workshops from the industry experts will also conducted.

Group Configurations:

One of the objectives of this course is to encourage and facilitate teamwork. Class will have to make a group of four for projects and research assignments. It is recommended that student will form their own groups. As a general guideline, your group should have members with diverse skill sets including people who are proficient or have aptitude for different subject areas.

It's highly preferred to make group, in every project we will find a team, so team management will play a vital role in the successful project delivery, so students will learn to work in the teams.

Weekly Term Plan

Wk	Lecture Topic
01	<i>Introduction and Fundamentals of project Management</i>
02	<i>Brief History of PM, Triple Constraints and their relationship</i>
03	<i>Organizational Hierarchy (Strat, Tact, Ops)</i>
04	<i>Portfolio vs Program vs Project</i>
05	<i>Project Lifecycle vs Product Lifecycle, Project Stakeholders etc.</i>
06	<i>Project Integration Management</i>
07	<i>Direct & Manage Project work, Change Requests management</i>
08	<i>Mid Term Examination</i>
09	<i>Project Scope Management</i>
10	<i>Project Time Management, Contract Management</i>
11	<i>Project Cost Management, Earned Value Management,</i>
12	<i>Project Resource management</i>
13	<i>Project Presentations</i>
14	<i>Project Risk management, RACI Chart,</i>
15	<i>Project Procurement Management,</i>
16	<i>Final Term Examination</i>



Topics in Detail

Introduction and Fundamentals

Basis of Project Management
Main Facets of The Project

Brief History of Project Management

Scope, Schedule and Quality
Triple Constraints and Their Relationship
Why Projects Fails

Organizational Structure

Enterprise Environmental Factor
Availability of Resources and
Influence over Project Conduction.
Organization Style Functional
Projectized Organization

Reporting Hierarchy

Position of PMO
Role of The Functional Managers

Portfolio vs Program vs Project

PMO
PMI Framework
Motivations Theories

Maslow Hierarchy of Needs
McClelland's Theory of Needs

Project Lifecycle vs Product Lifecycle

Project Stakeholders
Enterprise Environmental Factors
Organizational Process Assets
Project 5 Process Groups
Initiation, Planning, Execution, Monitoring and
Control and Close

Project Integration Management

Main Process in Project Integration Management,
Business Case
Defining the Project Charter
Project Management Plan vs. Project Documents

Process Group of Monitoring and Control

Direct & Manage Project Work
Initiation of Change Requests
Managing the Changes
Integrated Change Control Board.

Project Scope Management

Defining Scope
Validating Scope
Controlling Scope
Scope Creep
Tools and Techniques Scope Management.

Case Study By PMI

"Changing the Face at The Busiest Airport in The
World through Project Management"

Project Schedule Management and Contract Management

Schedule the Project

Schedule is Very Critical in Project Delivery

Critical Path

The Minimum Time A Project Can Be Delivered
Different Scenarios and Solved Examples

Resource Levelling vs Resource Smoothing.

The Fine Tuning of The Available Resources.

Project Cost Management

Planning the Cost
Estimate Cost
Determine Budget
Control the Cost.
Earned Value Management
The Predicted Analysis of Cost Estimates.

Project Quality Management

Plan Quality Management
Manage Quality in Execution
The Control Quality in The Monitoring and
Controlling
Performing Quality Assurance and Control

Project Resource Management

Resource Breakdown Structures
Acquire Resources
Develop and Manage Project Team
Control the Resources.

Project Communication Management

Type of Communications
Measuring Effectiveness and Efficiency of PCM
Monitor the Communication instead of Controlling.

Project Risk Management

Planning the Risk Management
Identify the Risk
Perform Qualitative Risk Analysis
Perform Quantitative Risk Analysis.

Planning Process Group

Plan Risk Response
Implement Risk Response
Manage Residual Risks
Control ththeisk Effectively
RACI Chart

Project Procurement Management

Plan Procurement
Conduct Procurement
Source Selection Criteria
Proposal Evaluation Criteria
Then Control the Procurements.

Project Stakeholder Management

Identify the Stakeholders
Plan Stakeholder Engagement
Manage Stakeholder Engagement
Monitor Stakeholder Engagement.



Text & Recommended Readings

- A. *Project Management Body of Knowledge (6th edition) Project Management Institute*
- B. *The PMP Exam: How to Pass on Your First Try, 6th Edition by Andy Crowe*
- C. *PMP® Exam Prep, 9th Edition by Rita Mulcahy.*

Assignment Specification

- 1. *Microsoft Project*
- 2. *Microsoft Word for Documentation*
 - Headings Arial 11pt Bold*
 - Normal Text Times New Roman 10pt*
 - Header Footer Times New Roman 8pt*
 - Paragraph Single Line Spacing*
 - First Line Indent 1.0 cm*
 - Page Margins 2 cm from each side*

Grading Policy:

Final Grade for this course will be the cumulated result of the following term work both Lectures and Lab Sessions with relevant participation according to the quoted percentage.

Sessional	25%	Mid Term	35%	Final Term	40%
Assignments	10 %	Mid Term Exam	25%	Final Exam	30%
Quizzes	10%	Lab Work/ Lab Mid Exam	10%	Case Study/ Project/ Term Paper	10%
Presentations	05%				

Remember subdivision of Mid Term and Final Term Examination should be done only in case of very essential and major Grading Instruments.

Dishonest Practices & Plagiarism

Any student found responsible for dishonest practice/cheating (e.g. copying the work of others, use of unauthorized material in Grading Instruments) in relation to any piece of Grading Instrument will face penalties like deduction of marks, grade 'F' in the course, or in extreme cases, suspension and rustication from IBIT.

For details consult Plagiarism Policy of PU at <http://pu.edu.pk/dpcc/downloads/Plagiarism-Policy.pdf>

Grading System:

Letter Grade	Grade Point	Num Equivalence
A	4.00	85 – 100 %
A-	3.70	80 – 84 %
B+	3.30	75 – 79%
B	3.00	70 – 74 %
B-	2.70	65 – 69 %
C+	2.30	61 – 64 %
C	2.00	58 – 60 %
C-	1.70	55 – 57 %
D	1.00	50 – 54 %
F	0.00	Below 50 %
I	Incomplete	*
W	Withdraw	*

Norms to Course:

- ✓ *Submission Date and Time for the term instruments is always **Un-Extendable***
- ✓ *7 Absentees in class will be result in forced withdrawal. (PU Policy)*
- ✓ *Re-sit in Mid and Final Term will cause you a loss of 2 and 3 grade marks respectively. (PU Policy)*
- ✓ *This is your responsibility to keep track of your position in class evaluation units.*
- ✓ *After the submission date, NO excuse will be entertained.*
- ✓ ***Keep a copy of all submitted Grading Instruments.***
- ✓ *Assignment is acceptable only in its Entirety.*
- ✓ *No make up for any assignment and quiz.*
- ✓ *Copied & Shared work will score Zero.*
- ✓ *Assignments are Individual.*

Good Luck