



Project
Management
SM-650

Program	MBA
Credit Hours	3
Prerequisites	<i>Operations Management (OM-565)</i>

CAPSULE STATEMENT

Projects have been part of the human scene since civilization started, yet the practice of project management is quite recent. The concepts and tools required to plan, organize, implement, and evaluate a project are equally applicable to such diverse ventures as launching of a space shuttle, developing curriculum in primary education, or organizing a trekking trip to the K-2 base camp.

The purpose of this course is to expose students to the real-life issues in project management, and equip them with necessary tools to resolve these issues. Use of quantitative techniques is supplemented by softer skills of leadership and human resource management.

LEARNING OBJECTIVES

Upon successful completion of this course the students will develop:

- Understanding of issues in each phase of project life cycle
- Necessary analytical skills to successfully select, design, implement, control, and terminate projects of varying complexities
- Appreciation of complex human issues in project management
- Concern for ethical issues in managing projects

LEARNING METHODOLOGY

Following instructional tools and methodologies may be utilized during the course.

Interactive Discussions	In-class Skill Development Exercises	Case Studies
Computer Software Tools	Simulations / Business Games	Presentations

TEXT BOOK (Mandatory)

Project Management: The Managerial Process (4th Edition) by *Gray and Larson*

ADDITIONAL READINGS

Project Management: A Managerial Approach by *Meredith and Mantel*

Managing Business & Engineering Projects by *Nicholas*

INTERNET RESOURCES

Following websites contain useful information on Project Management. You are advised to visit them frequently and take full benefit:

www.pmi.org

www.pmforum.org

COMPUTER APPLICATIONS

Participants are required to extensively use Excel, PowerPoint, MSWord, and MS Project during this course. Additional workshops may be held to familiarize participants with these tools.

GRADE ASSESSMENT

INSTRUMENT	WEIGHTAGE
Weekly Assignments	5%
Quizzes	10%
Case Analysis	10%
Presentations	5%
Class Participation	10%
Project / Research paper	25%
Final Exam	35%

WEEKLY ASSIGNMENTS

1. A short assignment will be given every week
2. All assignments should be submitted at the START of the next session
3. Assignments should be in typed form. Handwritten assignments will NOT be accepted
4. Assignments should include a title page giving all required information
5. Serious errors in grammar, spellings, and formatting will result in loss of points. So please PROOF READ your work before submission
6. You are not allowed to share or show your assignment output to any member outside your team under any circumstances. You are also responsible for security of soft copies of your assignments
7. The weekly assignments will be graded on a three point scale

0 point *Not submitted / Unsatisfactory*

1 point *needs major improvement*

2 points *Satisfactory*

QUIZZES

1. A total of 3-5 quizzes will be conducted
2. Most of the quizzes will be surprise (un-announced)
3. From a total of (n) quizzes, best (n -1) quizzes may be considered for the final grade
4. Make-up quizzes will not be allowed

PRESENTATIONS

1. Each participant will be required to make at least one presentation, either in a team or individually

CASE ANALYSIS

1. You will be required to work on 4-6 case studies, and submit your analysis in a report form for each case study
2. All the case analysis will be conducted in teams
3. The report should adhere to the standard norms of professional report writing. The grade of the case report will depend on the thoroughness and soundness of the analysis, as well as the presentation of analysis in the report
4. All team members are required to participate in preparing the case analysis. In case a member fails to participate, it is the responsibility of the remaining team members to exclude his/her name from the submitted assignment, and notify the resource person

PROJECT / RESEARCH PAPER

Details will be provided separately

CLASS PARTICIPATION

1. You are required to attend the classes regularly and with punctuality
2. You should come fully prepared in each class, and participate actively in class activities

END-TERM EXAM

1. End-Term Exam will be comprehensive
2. The exam will be Closed Book and Closed Notes
3. A formula sheet will be provided by the Resource person containing all those formulae that require any form of memorization

CLASS POLICY

MOODLE

Participants should regularly visit the course website on MOODLE Course Management system, and fully benefit from its capabilities

ENTERING AND LEAVING THE CLASSROOM

You are requested to seek permission from the resource person while entering or leaving the classroom during the session

USE OF MOBILE PHONES AND OTHER ELECTRONIC DEVICES

1. Use of mobile phones and similar devices is prohibited during the class
2. Your phone should not be heard or visible during the class
3. All mobile phones should be turned-off (or at least in the “silent” mode) and secured in pockets or bags during the class time, and may not be used for ANY purpose, including calculations, time-keeping, etc
4. In case you are anticipating an emergency call, you need to discuss this matter with the resource person BEFORE the start of the class

USE OF UNFAIR MEANS

1. COPYING or SHARING in graded instruments (e.g. assignments, quizzes, tests etc), or using any other unfair means, is not permissible
2. Any individual or team failing to comply will be reported to the Unfair Means Committee (UMC) for appropriate action.
3. We expect from you a thoroughly professional approach in this regard

PROJECT MANAGEMENT SM-650

COURSE CONTENT

Week	Topic
1.	Introduction to Project Management (PM)
2.	Project Screening and Selection
3.	Work Breakdown Structure (WBS), Organization Breakdown Structure (OBS)
4.	Time Estimation of Activities, Precedence Relationships
5.	Gantt Chart , Network Models (AON, AOA)
6.	Critical Path Method (CPM), Linear Programming Models for CPM
7.	Resource Management
8.	Budgeting Cost-Time Trade offs Project Crashing, Linear Programming models for Optimizing Project Crashing Plans

9.	Risk Management
10.	Managing Changes in Project Scope, Configuration Management
11.	Program Evaluation and Review Technique (PERT)
12.	GUEST SPEAKER, <i>Leadership, Role of Project Manager</i>
13.	Project Control, Earned Value Approach, Revised Budget Projections
14.	Project Termination
15.	<i>Final Project Presentations</i>