

COURSE OUTLINE

Fundamentals of Project Management

1. Introduction

In a competitive business environment, projects are increasingly being undertaken as a means of introducing changed improvements in products and/or service to support organisational objectives. As such, knowledge and understanding of projects and how they might be managed effectively are increasingly becoming an essential managerial capability. In this course we will examine the fundamental concepts and principles of project management and apply them to a real world projects.

2. Course Aim

To provide an understanding of the strategic importance of projects in achieving organizational objectives. To equip students in mastering and applying project management processes across the phases of the project life-cycle and to conceptualize, communicate and justify projects and effectively plan, manage, execute and deliver them.

3. Course Objectives

Educating participants regarding:

- Concept and significance of PM
- Defining project deliverables and managing stakeholders
- PM process and lifecycle

- Tools and methodology of PM
- Identifying project risks
- Risk mitigation strategies
- Writing project proposals
- Writing project Plans

4. Learning outcomes

On completion of this course, students should be able to:

1. Argue the strategic importance of projects in supporting business objectives
2. Propose and defend projects supporting their businesses
3. Meticulously work out project scope
4. Precisely define project deliverables
5. Understand PM process and PM Life cycle
6. Manage the expectations of project stakeholders
7. Identify and manage project risks
8. Draft project proposals and project plans
9. Understand different tools of project management (computerized as well as manual tools)
10. Monitor, assess and evaluate project outcome

5. Course Content

Use of strategic methodology in selecting an appropriate project approach. Conceptualisation and design of business projects. Developing project management skills including the management of project risks and project stakeholders. Introduction of project management tools and techniques; project planning and control; principles of scheduling; budgeting and cost estimates, and risk minimisation contingencies. Resource allocation. Project closure, evaluation and reporting techniques.

6. Learning Resources

1. Text Book

The participants will need continual access to the following text(s) to complete this course. The library does not hold multiple copies of the nominated text books. It is strongly recommended that you purchase the book(s).

Pinto, JK 2016, *Project management: achieving competitive advantage*, Global edn, 4th edn, Pearson Education, Essex England.

2. Published Articles

The following cases /exercise and simulations from Harvard , Stanford and MIT publishing center will also be referred

3. Cases and Working Exercises

About 10 cases have been identified from text book which will be discussed during course

4. Simulations

Some very important simulations have been selected for different topics which will be shared ahead of every session and will be discussed in class.

5. Project management Tools

The facilitator and participants will hands on experience regarding development of project feasibilities and Project execution in class every week.

7. Assessment Summary

S.No.	Form of assessment	Length	Weightage	Time
1.	Developing a Project case study	1000 words	25%	Week 4
2.	Project Proposal	2000 words	45%	Week 8
3.	Group project plan	3000 words	30%	Week 12

8. Course Calendar

S. No	Week	Topic	Sub-topics	Assessment
1	Week1	Introduction to Project Management Concepts		
2	Week2	Organisational context and project selection	1. Organizational structure, strategy and culture	

			2. Project Selection and Portfolio Management	
3	Week3	Defining and managing project scope	1. Defining and fine tuning the Project Scope 2. Managing project scope	
4	Week4	Projects risk management	1. Identification of Project Risks and designing risk mitigation strategies 2. Identification and engagement of stakeholders Stakeholder and risk analysis NHA Case study	Critical Essay
5	Week5	Projects, people and communication	1. Project Team building 2. Team Conflicts and Negotiation Negotiation Personalities Role Play Exercise	
6	Week6	Project scheduling and time management	1. Networks, duration estimation and defining critical path) Working on Enloop tool	

7	Week7	Project scheduling and time management	<ol style="list-style-type: none"> 1. Lagging, Crashing and Activity Networks 2. Making Timelines and activity networks on MS Project 	
8	Week8	Project cost management	<ol style="list-style-type: none"> 1. Project Cost Estimation and Budgeting 2. Making Work breakdown structures (WBS) <p>Paper Tower Exercise.</p>	Project Proposal
9	Week9	Project resource management	<ol style="list-style-type: none"> 1. Managing scarce resource (Resource loading and leveling) 2. Managing Resources in Multi project environments 	
10	Week10	Project monitoring, Evaluation and Control	<ol style="list-style-type: none"> 1. Project M & E 2. Project Controls <p>Working exercise development a website and marketing plan for Pizza Hut Restaurant.</p>	
11	Week11	Project close-out	<ol style="list-style-type: none"> 1. Successful roll out of a project 	

12 **Week11**

Group project:

Project Plan

Presentation