Project Management

Module Type: Vocational Degree

Learning Hours: 60 hours

MQF Level: 6 (Malta Qualifications Framework)

ECTS value: 6 ECTS

Module Description

Project management refers to the definition and planning, and then the subsequent management, control, and conclusion of a project. It is important to recognize that all projects need some level of project management. The larger and more complex the project, the more there is a need for a formal, standard, structured process. Smaller projects still need a structured process, but it does not need to be as elaborate or as complex. Obviously there is a cost to the effort associated with project management, but there are many benefits that are obtained as well. These benefits far outweigh the costs.

Learning Outcomes
In this unit learners will be able to:

1. *Understand concepts of Project and Programme Management.*
2. *Understand the processes of Project Management.*
3. *Use tools and methods for Project Management and Programme Management implementation.*
4. *Explain the management of a project-oriented organization.*

1. Understand concepts of Project and Programme Management.

    1.1   Definition of a project.   Projects Vs Operations.
    1.2   Links between projects and company strategy.
    1.3   Structuring for projects. Project stakeholders.
    1.4 The Project Manager and his team.

2. Understand the processes of Project Management.

    1.1   The key knowledge areas and processes for good Project Management.
    1.2   Time, Cost, Quality Management for projects.
    1.3   Managing Risks and Conflicts.
    1.4   Project closure and delivery to client.

3. **Use tools and methods for Project Management and Programme Management implementation.**

      3.4   The use of tools such as Milestone Plan, Work Breakdown Charts, GANTT charts etc..

      3.5   PERT, Critical Path Analysis, Float/Slack in time schedules.

      3.6   The use of software such as MS Project in Project Management.

4. **Explain the management of a project-oriented organizations.**

      4.4 The Project Management Office (PMO).

      4.5 Managing Project Programmes and Portfolios.

      4.6 Assessing the effectiveness of project based companies.

	Knowledge and Understanding (35 marks)	Analysis and Application (35 marks)	Synthesis and Evaluation (30 Marks)
	7 Criteria	5 Criteria	3 Criteria
LO1: *Understand concepts of Project and Programme Management.*	1. Explain the definitions of Project Management and the difference between Operations and Project Management 2. Describe what is required to starting a project	1. Show the method of application of the Principles of Project Management	
LO2: *Understand the processes of Project Management.*	3. Define the Project Management Processes 4. Explain how to manage Issues and Actions and Define Project Closure	2. Explain the application of the different Project Management stages 3. Interpret the Risk Management requirements of a Project	1. Propose situations of Conflict Management
LO3 *Use tools and methods for Project Management and Programme Management implementation.*	5. Explain the structure and use of a Gantt Chart or a PERT Chart	4. Relate the WBS to the different stages in a Project	2. Analyse the Float, Slack analysis of a Project
LO4: *Explain the management of a project-oriented organizations.*	6. Define the use and responsibilities of a Project	5. Debate the benefits and the challenges of	3. Develop an evaluation framework for a

		Project Based Organisations	Programme Portfolio Management
	Management Office 7. Explain the Organisational Maturity Model		