

# Project Management

## Course description

Projects provide an efficient and effective means of delivering corporate strategy for both public and private sector organisations. Fundamental to this is robust project sponsorship and management. This module is focused students that wish to develop, plan, manage and control projects successfully in a business environment. This requires an awareness of general project management principles, methodologies and the tools and techniques as applied within multi-disciplined projects. Within this module students will receive a robust grounding in the theory and practice of project management delivered by lectures and by using project management software (MS Project) in a computer laboratory setting

## Course Introduction

This module is intended to provide students with a clear understanding of project management tools and why they are used to deliver both small and large-scale projects within both public and private sector organisations. Students will be able to learn the key aspects of project management from a business management perspective; understand the relationship between the project sponsor and project management team and critically evaluate the soft as well as the hard components necessary to manage a project successfully. This will include being able to understand how to evaluate a business case for investment, analyse the appropriate procurement and funding options for a project, develop and motivate a team, apply tools and techniques for planning projects, evaluate a plan using critical path analysis, learn how to monitor and control projects and understand how projects should be run successfully.

## Module Content

Indicative Content includes:

- Introduction to Project Management
- Project Structure, Leadership and Team Roles
- Project Scope, Feasibility and Work Breakdown Structure (WBS)
- MS Project Lab Session 1- Gantt Charts
- Stakeholders and Quality Management
- MS Project Lab Session 2 – Applying resources to projects
- Project Risk, Decision Making, Estimating and the Business Case
- Project Reporting, Monitoring and Change Control
- Project Completion, Handover and Review