

### TPMA

#### Telecommunications Project Management Association

TPMA Project Management training & certification

Project Management is the discipline of planning, organising, and managing resources to bring about the successful completion of specific project goals and objectives. A project is a finite endeavour having specific start and completion dates undertaken to create a unique product or service which brings about beneficial change or added value.

The primary challenge of Project Management is to achieve all of the project goals and objectives whilst adhering to the classic project constraints of quality, time and budget. The secondary and more ambitious challenge is to optimise the allocation and integration of inputs necessary to meet pre-defined objectives. A project is a carefully defined set of activities that use resources (money, people, materials, energy, space, provisions, communication, motivation etc.) to achieve the project goals and objectives.

Project Management is quite often the province and responsibility of an individual project manager. This individual seldom participates directly in the activities that produce the end result, but rather strives to maintain the progress and productive interaction of team members in such a way that overall risk of failure is reduced.

A Project Manager is often a client representative and has to determine and implement the exact needs of the client, based on knowledge of the organisation that they are representing. The ability to adapt and to form close links with external representatives is essential in ensuring that the key issues of cost, time, quality, and above all, client satisfaction, can be realised.

A successful project manager must be able to visualise the entire project from start to finish and have the ability to deliver.

Our training course is developed and delivered by industry professionals. We will train you to deliver your next project:

- ▶ On time
- ▶ On budget
- ▶ Meeting specification
- ▶ Exceeding customer expectations

This five day course focuses on the nine areas of Project Management recognised by the Project Management Institute (PMI) and the Telecommunications Project Management Association (TPMA).

#### Course Overview

Become a certified project manager in one of the following disciplines by customising the first part of the exam process to your field of expertise. All specialities have been developed for Project Management Professionals in the telecommunications and information transport industry: -

#### Project Manager (PM)

Includes the process required to implement a project over a wide range of technical areas.

#### Data Centre Project Manager (DCPM)

Infrastructure, UPS, virtualisation, redundancy, power, environmental controls, and access control.

#### Wireless Project Manager (WPM)

Wireless LAN, cellular, microwave, Wi-Fi, Wi-Max, PCS and wireless broadband networks.

#### Security Systems Project Manager (SPM)

Analogue, digital, and Internet Protocol (IP) based CCTV, RFID, card Access, security, alarms and information storage.

#### Telecommunications Project Manager (TPM)

Wireless, outside plant, fibre optics, CATV, data centres, security and access control networks.

#### Outside Plant Project Manager (OSP-PM)

Outside plant, fibre optics, and passive optic (PON) networks.

#### Information Technology/Global Networks Project Manager (IT-PM)

Outside plant, fibre optics, CATV, data centres, security and access control networks.

#### Course content

##### Day 1

#### Project Management Process

- ▶ Lessons Learned
- ▶ Internal Process
- ▶ Technical Process

##### Day 2

#### Project Management Knowledge Areas

- ▶ Project Human Resources Management
- ▶ Project Scope Management
- ▶ Project Integration Management
- ▶ Project Time Management
- ▶ Project Cost Management
- ▶ Project Quality Management
- ▶ Project Communications Management
- ▶ Project Risk Management
- ▶ Project Procurement Management

##### Day 3, 4, & 5

#### Templates & working in teams

Students work in teams to build a project plan for one of their typical projects including: lessons learned process and teamwork, a quality assurance plan, scope of work, OBS, WBS, network diagrams, Gantt charts, calendar, timeline, safety plan, earned value cost plan and a communications plan. These templates can be used on the TPMA Certification Exam and on future projects.

### 80% Theory 20% Project

#### ▶ Qualification

Become a Certified Telecommunications Project Manager (TPM) BTEC applied for CNet Certificate BICSI CEC's: 35 RCDD, 35 NTS, 35 WD, 35 OSP Installation.

#### ▶ Who should attend

Telecommunications project managers, project coordinators, lead technicians, project team leaders, or individuals seeking new career paths in this rapidly growing field.

#### ▶ Related Training

BICSI RCDD  
Project Management using IT (Microsoft 2003)  
Certified Data Centre Design (CDCD)  
Data Centre Management

#### ▶ Course objectives

Participants will gain the knowledge to be able to manage the entire cycle of a project from bid to completion.

#### ▶ Prerequisites

Experience of project management at a basic level is advantageous. Own laptop to bring on course.

#### ▶ Course Location

Bury St Edmunds  
Suffolk

