



**Certified
Telecommunications
Project Management**

**BTEC Level 4
Professional Award**

The **Global Leader of Technical Education and Training**
for the **Data Centre & Network Infrastructure** Sectors

Certified Telecommunications Project Management (CTPM®)

30 HOUR PROGRAM

Student Profile

This unique online program is targeted at individuals looking to improve the overall performance of their telecommunications and Data Centre projects. Suitable for those with experience of telecommunications planning, installation and maintenance within a Data Centre environment, the program addresses how to successfully design, develop, execute and close a project.

Pre-Requisites

Experience of telecommunications planning, installation and maintenance or of working within a Data Centre environment.

Program Objectives

Students will learn how to develop a project initiating process and create, explain and execute a project planning process. They will also have the confidence to implement measures to monitor and control it and have the ability to carry out a project closing process.

Qualification

- ▶ Internationally and industry recognised Level 4 BTEC Professional Award

Certification

- ▶ Official Certified Telecommunications Project Management (CTPM®) certification
- ▶ Use of CTPM post nominal title
- ▶ Use of the CTPM® logo

Certifications are a commitment to life-long learning and offer the perfect portal to ensure knowledge, skills and certification remain current and up-to-date. Each certification gained requires re-certifying every three years via a simple online system.

Additional Awards

- ▶ Eligibility for an ECS (Electrotechnical Certification Scheme) Datacomms card
- ▶ Continual Professional Development (CPDs)

Certified Telecommunications Project Management (CTPM®)

Program Overview

Project management adds value by improving the execution of strategy through repeatable, reliable performance and standardisation.

It brings integration of resources within an organisation through the removal of silos and facilitates the implementation of improved communication and collaboration. It also reveals opportunities for efficiency, savings and improved quality through the project life cycle.

The CTPM® program is designed to enable students to ensure good project management that will, in turn, help the result of the project improve its performance.

Continually updated to reflect the key industry developments, the CTPM® also takes into account the requirements of the latest version of TIA 942-A, best practice documentation.

Program Structure

CTPM® is based upon the principles of the global standard for project management - the PMI's PMBOK® - and adds technical input from the wealth of knowledge contained within CNet Training's pioneering Global Data Centre Education Framework. This combination provides a unique non-generic project management program designed specifically for the real world of telecommunications design, planning and installation.

In an online environment consisting of twelve modules, the components of the five processes of project management - initiating, planning, executing, monitoring and controlling, and closing - are conveyed, while a project case study is constructed and synchronised with the program delivery. You will be assessed during and at the end of the program. There are twelve modules each with their own assessment which will take approximately 30 hours to complete in total.

Each module can be taken at leisure but all of them must be completed within the six months given.

Completion of all the training modules makes available an end test; an online exam which consists of forty multiple-choice questions. The assessment may be taken at a time convenient to you, but within the overall six months time frame given.

CTPM® Benefits for Individuals

- ▶ Provides portable knowledge, skills, techniques and tools in order to be more successful in managing projects and demonstrates to your employer that you have the desire and commitment to learn and improve
- ▶ It enhances career development prospects by achieving a recognised project management qualification
- ▶ Provides an independent measure of an individual's project management knowledge and competence

CTPM® Benefits for Business

- ▶ It develops an understanding of project goals, objectives and benefits before committing significant resources to ensure that only projects which are expected to provide a Return On Investment (ROI) or financial margin are committed to
- ▶ It ensures that projects proceed effectively through all essential phases, from concept through to completion
- ▶ It provides a rigorous approach to defining a realistic timescale and budget for completion of the project

Certified Telecommunications Project Management (CTPM®) Topics

Initiating Process

- ▶ Its purpose is to achieve authorisation for a project and define its objectives
- ▶ The general scope, duration, resources and desired final output are described
- ▶ Outputs for this process include the project charter and a preliminary SOW

Planning Process

- ▶ This process involves determining how the newly initiated project will actually be carried out, including refining the information developed during initiation and reviewing the resources needed (including human resources)
- ▶ Risks that may affect the project are identified and planned for. Quality and communication planning take place as well as cost management and procurement strategies
- ▶ A WBS including various deliverables and work packages is constructed and scheduled activities are defined and sequenced

Executing Process

- ▶ The execution process group involves taking steps to act upon and complete the project work according to the procedures outlined during the planning stage. Any approved changes are implemented as part of this group
- ▶ The project management team is acquired and developed and contact with vendors is initiated
- ▶ Reports on project progress, quality, and challenges are a core component of the information distribution aspect of execution

Monitoring & Controlling Process

- ▶ The processes occur concurrently with all the other process groups
- ▶ Observation, problem identification and correction are the three basic purposes of monitoring and controlling
- ▶ Quality control plays a significant role in this group of processes

Closing Process

- ▶ This process finalises a project and closes it out
- ▶ This activity often includes satisfying the terms of any outstanding contracts.
- ▶ The Project Manager must ensure that other processes (planning, execution, monitoring) are complete and the final deliverables are ready to be handed off to the end user or stakeholder group

“ The program material was very well written and easy to follow. The online availability of this program makes it convenient to complete it in your own time and in the comfort of your own home. ”

TELECOMMS ENGINEER

“ I highly recommend the CTPM® program. I plan to relay the information on to my staff. ”

TECHNICAL ANALYST

“ The CTPM® subject matter was of great interest and I am sure it is something I can take away and build a case with my own company for other staff to attend. ”

DATA CENTRE TECHNICIAN

“ I have just completed the CTPM® program. I like CNet's approach and highly recommend the program. I picked up several items I will pass onto my staff. ”

DATA CENTRE MANAGER

