CTPM®

Certified Telecommunications Project Management

Pearson BTEC Level 4
Professional Award

3 Day Instructor-led or 30 Hours
Distance Learning Program

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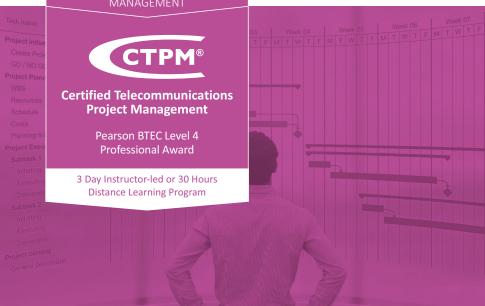
Certified Telecommunications Project Management (CTPM®)

Develop the knowledge and skills to define, initiate, deliver and close a complex telecommunications project, in time, on budget, and to the highest quality specifications.

Program Overview

Successful projects depend on highly trained and multi-skilled project managers equipped with the ability to communicate, plan and execute strategic project decisions and manage situations that have the potential to adversely impact progress. A successful project manager can develop and maintain a structured approach to delivering project processes effectively and with repeatability and scalability.

The Certified Telecommunications Project Management (CTPM®) program equips learners with the skills and confidence to develop an end-to-end project implementation plan based on a multifaceted campus telecommunications project.

CTPM® is based on the global standards for project management and adds technical input from programs within The Global Digital Infrastructure Education Framework. This combination delivers a unique project management education program designed specifically for the fast-paced world of telecommunications design and implementation.

Learners complete eight assignments that are assessed individually and combine to create the project management plan portfolio:
▶ Project principles - what defines your project?
▶ Project integration management - combining all aspects of your project to produce outstanding results
▶ Project scope management - clearly defining exactly what we are delivering and, more importantly, what we are not delivering?
▶ Project quality management - delivering the precise quality product your customer will demand
▶ Project risk management - identifying and controlling what can possibly go wrong

▶ Project human resource management - developing the team; getting the right people, working together towards a common goal for greatest effect
▶ Project time management - structuring, calculating and tracking your project tasks to maximise efficiency to deliver on time, every time
▶ Project cost management - Using advanced tools to ensure that you come in on budget

Program Duration
3 day Instructor-led or 30 hours distance learning.

Program Objectives
Learners will be taken on a journey through the end-to-end project management cycle, taking the opportunity to explore and appreciate the worth of repeatable project processes and gaining valuable experience in the application of project management tools. Learners are given the opportunity to apply this knowledge and understanding to take a complex telecommunications project to the next level, preparing and delivering the project management plan.

Learner Profile
This program is perfect for individuals looking to improve the overall performance of telecommunications and data centre projects. It is suitable for those with some experience of telecommunications planning and data centre projects.

Pre-requisites
Experience in telecommunications projects within a data centre or enterprise network environment would be an advantage.

Program Requirements
Instructor-led: Learners are required to have:
▶ A webcam and microphone enabled laptop with unrestricted wireless internet connectivity and a pre-installed web browser
▶ A suitable application for reading/annotating PDFs and a suitable application for editing standard office documents such as Microsoft Word, PowerPoint, and Excel

Distance Learning:
As a distance learner you have access to an experienced and dedicated online support team during your program. Learners are required to have:
▶ A laptop or suitable device with unrestricted wireless internet connectivity and a pre-installed web browser
▶ A suitable application for reading/annotating PDFs and a suitable application for editing standard office documents such as Microsoft Word, PowerPoint, and Excel

Qualification
▶ Internationally and industry recognised Pearson BTEC Level 4 Professional Award Certified Telecommunications Project Management

Certification
▶ Official Certified Telecommunications Project Management (CTPM®) certification
▶ Use of the CTPM post nominal title
▶ Use of the official CTPM®digital badge
▶ Use of the CTPM® logo

Certifications are a commitment to lifelong 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 an online learning management system.

Additional Awards
▶ Eligibility for an ECS (Electrotechnical Certification Scheme) Network Infrastructure Manager card (only available in the UK)
▶ Continual Professional Development (CPDs)
▶ 3 IEEE Continual Education Units (CEUs)

Certified Telecommunications Project Management (CTPM®) Topics

Project Management
▶ What is a project?
▶ Defining project constraints
▶ Roles of a project manager
▶ Overview of project documentation

Integration Management
▶ Combining project areas
▶ Producing the project plan
▶ Planning the execution
▶ Mastering change control

Scope Management
▶ Defining the scope
▶ Producing the scope of works
▶ Verification of scope
▶ Preventing scope creep with effective change control

Quality Management
▶ Quality concepts
▶ Quality definition
▶ Quality control
▶ Quality planning
▶ Quality assurance

Risk Management
▶ Defining risk
▶ Risk Identification
▶ Quantifying risk
▶ Developing risk responses
▶ Devising risk response controls

Human Resource Management
▶ Organisational planning
▶ Leading teams
▶ The psychology of teams
▶ Team development
▶ Motivating teams

Time Management
▶ Defining the tasks
▶ Task estimation
▶ Scheduling tasks
▶ Resource allocation

Cost Management
▶ Resource planning
▶ Cost estimating
▶ Cost budgeting
▶ Cost control
▶ Use of budgeting tools

Communications Management
▶ Developing communication strategies
▶ Conflict resolution
▶ Stakeholder analysis
▶ Communications planning
▶ Effective information distribution

The CTPM® program examines in depth the principles above, exploring the use of project management tools as it progresses:

CTPM® Benefits for Individuals

▶ Gain portable knowledge, skills, techniques and tools in order to be more successful in managing projects and demonstrate to your employer that you have the desire and commitment to learn and improve

▶ Enhance your career development prospects by achieving a recognised project management qualification

▶ Evidence your skills with an independent measure of project management knowledge and competence

CTPM® Benefits for Businesses

▶ Develops a comprehensive 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

▶ Ensure that projects proceed effectively through all essential phases, from concept through to completion

▶ Provide a rigorous approach to defining a realistic timescale and budget for completion of the project