

Paving the way to becoming a qualified Project Controller

**In this session we will discuss the options for becoming a
qualified Project Controller and how it can be supported
by an employer**

I am NED at LMC. We are specialist provider, focusing on complex project delivery. We deliver Level 3 to Level 6 qualifications within the domain of Project Controls, Project Management, Information Management and Chartered Surveying



Patrick Tucker

What's The Future of Project Controls - 2021 and beyond?

**There's a trend towards more and more knowledge work being run
in a projectized way.**

We will need more 'professional' project controllers in the future, people who just manage and control projects. The supply and demand gap for Project Controls professionals is only getting more and more wider.

This has been supported by many global surveys.

Why the widening skills gap?



Project Controls with PM's drive change and are innovative in the organisations they work within, there is a need to encourage more talent to enter the profession to narrow the skills gap.

PMI inform *through 2027, the project controls/management-oriented labor force in seven project-oriented sectors is expected to grow by 33 percent, or nearly **22 million new jobs**.*

By 2027, employers will need 87.7 million individuals working in project management/controls -oriented roles.

Current and Future - Project Management Trends

Project management – a focused business discipline for decades, now intertwined with Political, Economic, Sociological, Technological, Legal and Environmental changes.

Projects will Be impacted by Artificial and Data Intelligence Technology

Association for Project Management references this Fourth Industrial Revolution in their Projecting the Future report.

Project Managers / Controllers will require wider Skills (AI, EI, Learning).

Robotics, blockchain, data science, machine learning – all focused on more complex and interconnected projects / managers.

Hybrid Project Management Approaches

Popular agile project delivery approach – (Waterfall vs Agile vs Prince)

Embrace new ways of working

Parental roles, gender identity, sexual orientation, aging workforce, remote working, increased social corporate responsibility and focus on Value-Chain-Analysis.

Incorporate continuous professional development opportunities into your training plan.

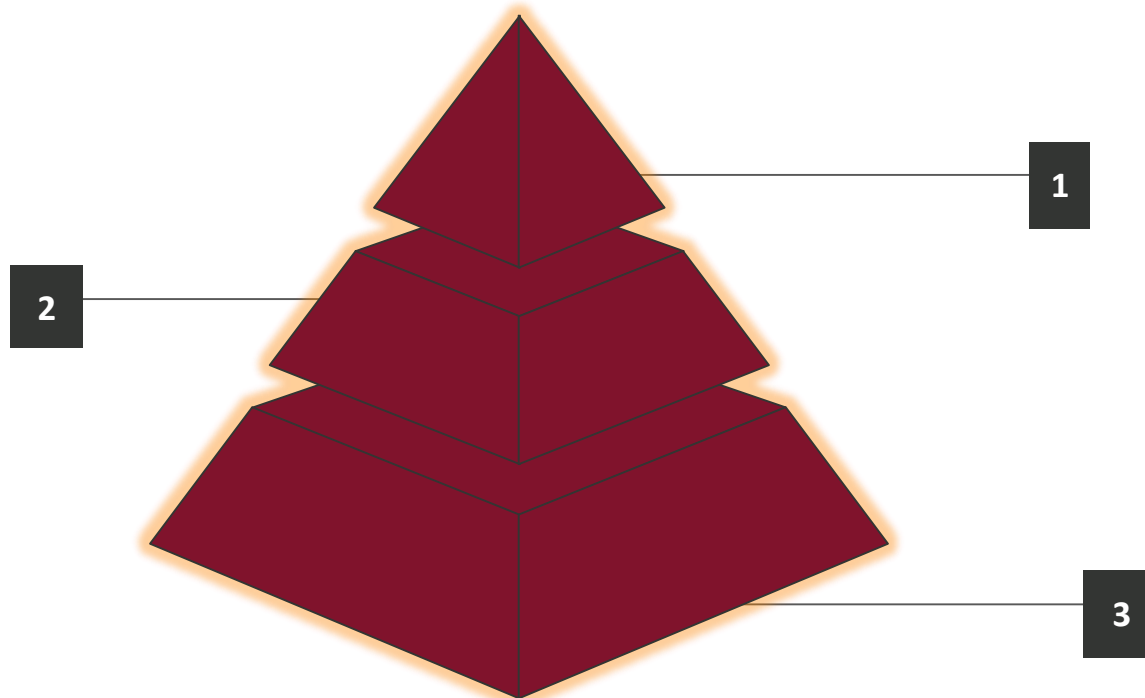
What skill set is needed for tomorrows project professional

What are the required mix of competencies?

Leadership, Management and soft-skills

Excellent communication and interpersonal skills, the ability to share a clear vision and inspire others, positive can-do attitude and enthusiasm.

Integrity, competence, calm disposition, problem solver, team builder, delegator and decision maker



Technical

Planning and forecasting, risk management, budgeting, cost assessment, tracking and monitoring. Project management methodologies (Hybrid), facilitation and subject matter expertise.

Strategic / Business Focused

Strategic thinking, strategic planning, lean, customer impact/satisfaction, digitization, creating value, horizon scanning and future proofing.

**Green technology and understanding:
There is a focused need for transformative
advanced skills for green/ clean energy.**

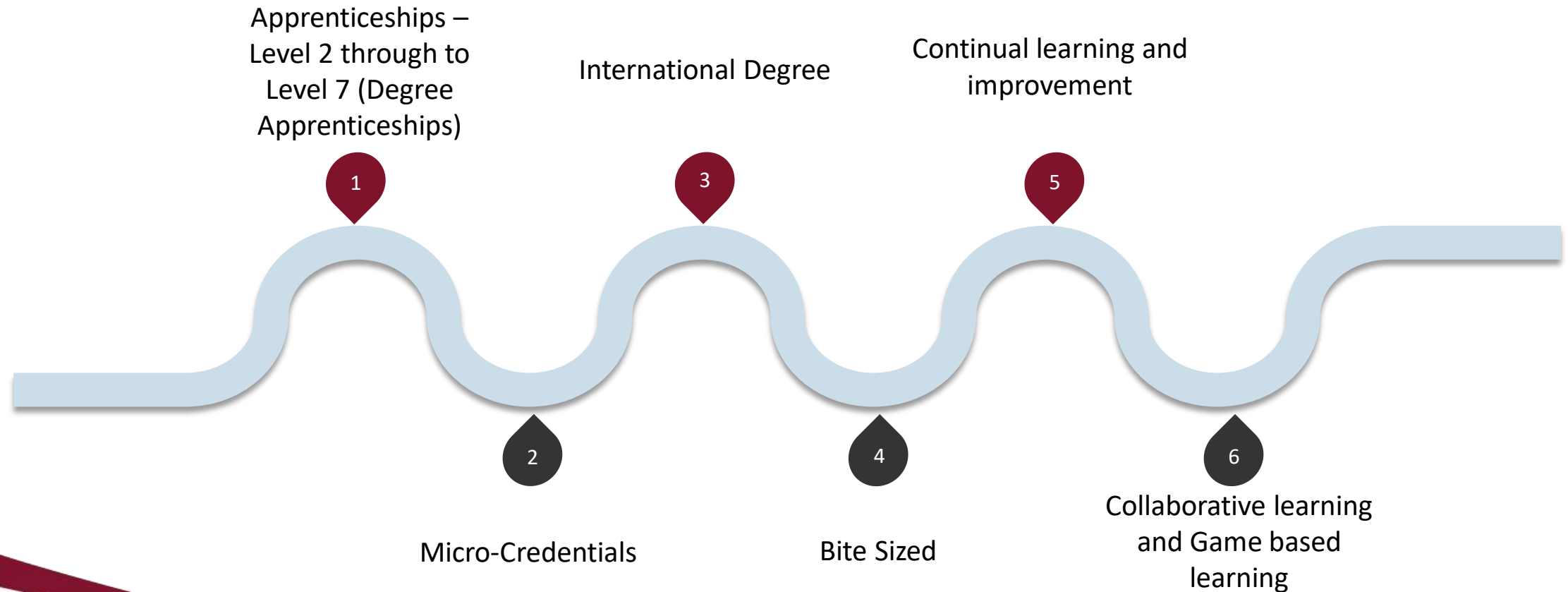
The need for learning and development

- Workforce capabilities, skills and competencies,
- Transformative advanced skills for green/ clean developments,
- Technological revolution in the sector and supply chains,
- A circular economy - an economic model designed to minimize resource input, as well as waste and emission production,
- Governments ten-point plan for a green industrial revolution - The ten-point plan sets out the approach government will take to build back better, support green jobs, and accelerate our path to net zero.
- A need for a developed plan to ensure a sustainable, successful organisation.



Learning and development journey – develop your workforce’s capabilities, skills and competencies to remain successful

A key part of your overall business strategy.



Benefits - Apprenticeships?

According to the Centre for Economics and Business Research (Cebr), on average, each apprentice brings a gain in productivity of more than £10,000 per year for their employer, with figures for some sectors being even higher.

Benefit 1

86% of employers said apprenticeships helped them develop skills relevant to their organisation.

Benefit 2

78% of employers said apprenticeships helped them improve productivity

Benefit 3

74% of employers said apprenticeships helped them improve the quality of their product or service

Source – HM Government

Benefits - Apprenticeships?

Make the most of government funding



Apprenticeships

The use of Apprenticeships in people businesses are sometimes described as a method for increasing the value of human capital linked to a return on investment for the employer.

Apprenticeships are typically used in two distinct ways:

1. For people already employed within the business – to develop their skillset within the business as part of their ongoing CPD and to augment their lifelong learning .
2. To recruit into a specific position that is framed as an “Apprenticeship” role, that the individual can learn whilst they earn.

The Apprenticeship Reforms

The Apprenticeship reforms for large businesses have highlighted that all too often Apprenticeships have not been effectively scoped out for employers and the investment being made.

This position across employers was historically masked in that they engaged with certain training providers to deliver certain apprenticeships that whilst beneficial, did not necessarily meet the holistic needs linked to the following key areas, namely:

- The skills gap
- Staff churn
- Performance management

Level 3 Project Controls Technician Apprenticeship

The Project Controls Technician Apprenticeship lays the groundwork for moving forward into Project Controller, Estimator, Planner, Scheduler and Cost Engineer professional positions.

Analysing progress and performance data on engineering, manufacturing, construction and infrastructure projects.

Progression

With additional training the Project Controls Technician could also progress to more specialist roles in areas such as project controls, planning, scheduling, estimating, cost control, risk and quality and ultimately a role as project controls manager or director.

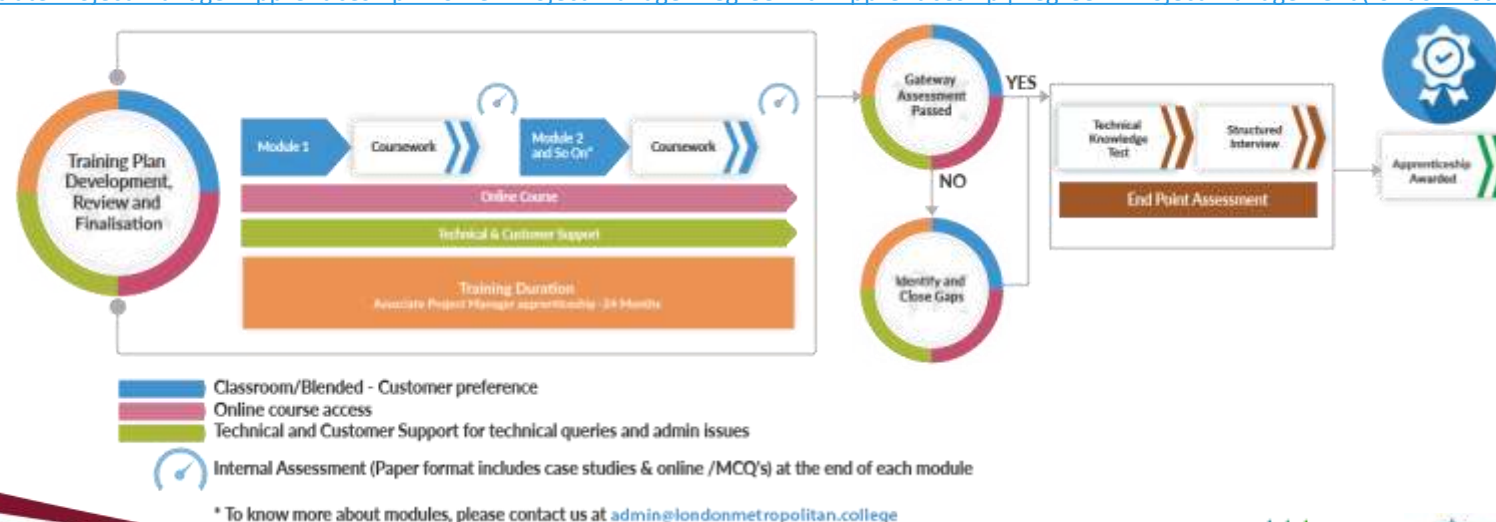
[Project Controls Technician Apprenticeship - Home - Project Manager Degree with Apprenticeship | Degree in Project Management \(londonmetropolitan.college\)](#)

Level 4 Associate Project Manager Apprenticeship

This apprenticeship is for those who are serious about becoming a specialist in the field. They will know what is needed to see each project come to fruition, how it will be achieved, how much time is required, how much it will cost.

This course can be delivered in online virtual classrooms, includes Technical, Occupational and Software training, involving real-life projects as case studies examples to educate students about the life-cycle of a project.

[Associate Project Manager Apprenticeship - Home - Project Manager Degree with Apprenticeship | Degree in Project Management \(londonmetropolitan.college\)](https://londonmetropolitan.college/degree-in-project-management/)



Level 6 BSc (Hons) Integrated Project Manager Degree Apprenticeship

The degree course is designed to provide a critical understanding of the diversity of roles and challenges facing project professionals, recognising the different contexts and technical requirements that exist in different sectors organisation sizes.

The BSc (Hons) Integrated Project Manager Degree Apprenticeship course brings together business and project management academic theories, frameworks and research with practical understanding of activities within organisations.

This will be developed by enabling you to share knowledge, relate this to theories, and key PM tools & techniques developed from relevant research, and learning by practical application in the form of work-based Projects and End Point Assessment.

<https://londonmetropolitan.college/project-manager-degree-apprenticeship/>

Level 4 Information Manager

This occupation is found in a wide range of sectors and industries such as construction, engineering, manufacturing, transportation including high-speed rail, energy and life sciences, the power industry including nuclear and renewables, local authorities, developers of smart cities and logistics.

Support the delivery and management of critical information, whether digital or otherwise, in the (capital) delivery phase of an infrastructure project and the ongoing management of that information within the operational phase of the resulting asset.



<https://londonmetropolitan.college/information-manager-apprenticeship/>

BSc (Hons) Global Degree in Project Controls Degree

London Metropolitan College in partnership with University of West London is the **world's first** academia to create and deliver the BSc (Hons) Global Degree in Project Controls, the programme is designed to develop competent project controller and professional project management practitioners.

- Delivery method is face-face/Virtual, location of study is LMC London (Wimbledon) and Chertsey, and employer's location. It can also be delivered face to face in international locations.

Micro-Credentials

A micro-credential is a short, competency-based recognition that demonstrates mastery in a particular area.

Micro-credentials can be grounded in research, to provide competency and focus on current best practice, and designed to be flexible, personalized, and performance-based.

Q & A

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THANK YOU