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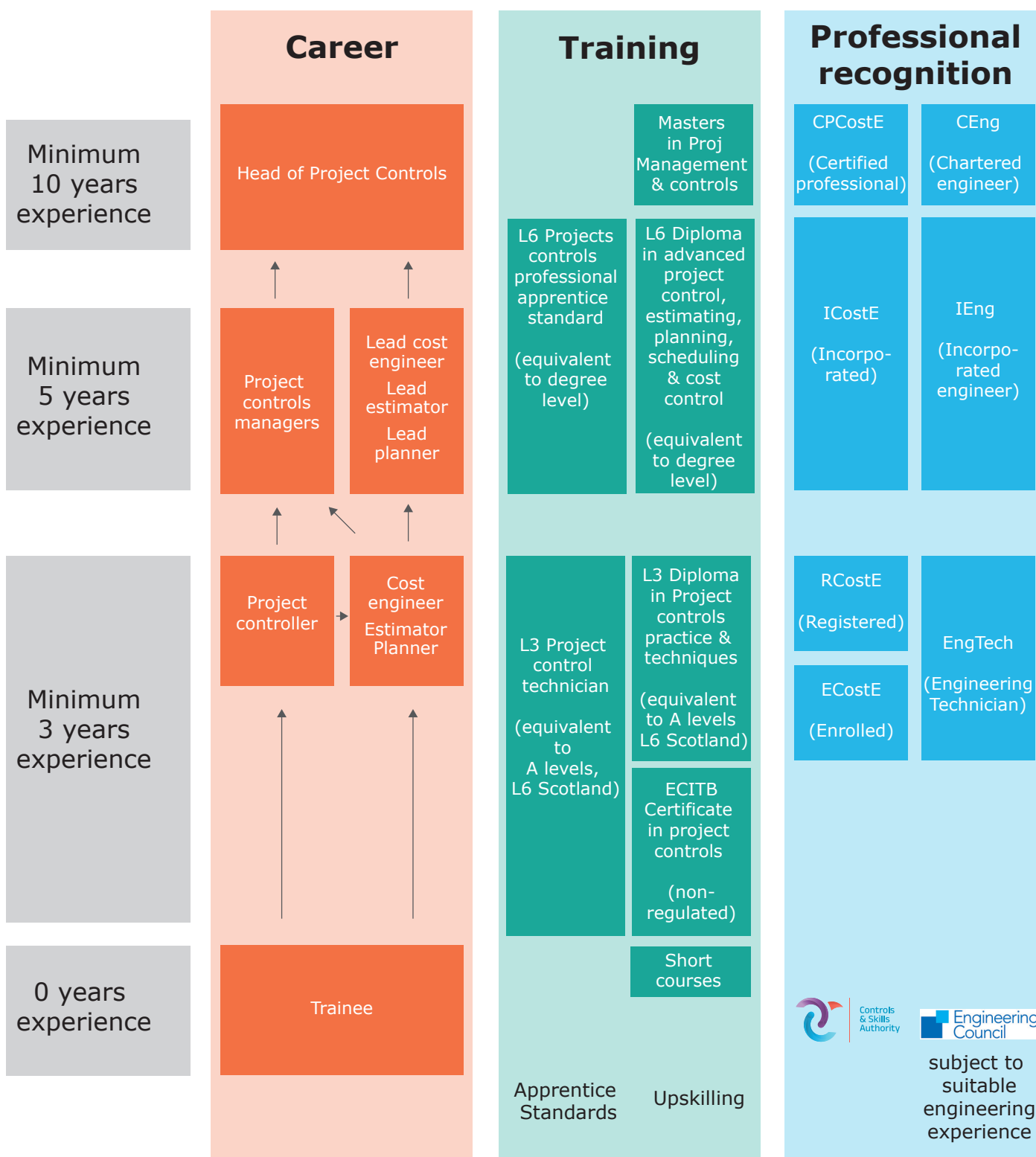
Project control
programmes & courses

www.ecitb.org.uk

Project and cost control, estimating, planning & scheduling programmes

If you are looking to develop in-house capability to ensure you have the skills and knowledge to effectively estimate, plan, schedule and control your projects – to deliver them competitively, to time, cost and quality - the following provides the framework and training for you to achieve this:

Career progression, training, upskilling and professional recognition



Those that undertake this training and gain the qualifications will develop their competence, endorse their credentials and enhance their employability prospects.



ECITB certificate in project controls (9-month training course)

This nine month training course is ideal for those new to and moving into project control - especially trainee technicians and apprentices – It is a comprehensive programme that covers all aspects of estimating, planning, scheduling, monitoring and control.

Learners are taught through a series of modules, each of which consists of: a classroom workshop that includes theory and practical exercises; a topic specific assignment; and a team assignment based on a simulated engineering project.

It includes: the fundamentals of project management; project initiation; risk and change management; estimating and scope definition; procurement; document control; planning and scheduling; work breakdown structures and cost control; progress monitoring and forecasting; and jobsite management.

As part of each module the learners undertake an assignment in which they apply the skills and knowledge learnt in the classroom in the context of an industrial simulation – either an engineering construction or a nuclear based simulated project. This brings the learning to life and reinforces how to apply the skills.

"A well-designed program that covers the entire project lifecycle, tailored for new project managers or project controls professionals. Participants will gain valuable knowledge and practical tools they can readily apply in their own organisations.

The networking opportunities add an additional element, which can extend outside the regular attended modules. All those from our business have returned with a clearer understanding of project controls and a more open mindset."

Elsbeth Marsh
Talent Manager
KBR

"This course is tailored with eight modules that cover planning, estimating and cost, with access to comprehensive course materials. Apart from the individual assignments for the following month's class, this programme involves group work (a life-cycle project), which extends the interaction among participants outside the full day regular sessions. I would say this is the best part of the course, as you interact with other project controls personnel within the industry. As well as sharing knowledge and good practice, you get to know other project controls processes and procedures within the industry."

Rajeev Chaladi
Project Controls
Wood Group Engineering (North Sea) Ltd

ECITB vocational qualifications for project control

Achieving qualifications is an excellent way to prove expertise and capability in project control. As a company you can use them to demonstrate internal ability to effectively estimate, plan, schedule, monitor and control projects and help enhance your reputation in this area.

ECITB level 3 diploma in project controls practice and techniques (RQF)

This is an A-level equivalent vocational qualification. It is ideal for those working at Technician level looking to prove their competence and is an integral part of the project control technician apprenticeship standard. Gaining this qualification supports project controllers start their journey to professional recognition with the ACostE and the Engineering Council (EngTech).

An ECITB-approved assessor assesses a candidate's knowledge and skills across 12 mandatory units that include providing evidence of the ability to estimate, interpret scope, plan, schedule, budget, set the control baseline, optimise, track progress, manage detailed controls data, analyse data and forecast likely outcomes as well as evidencing the ability to communicate effectively, be commercially aware and consider risk, opportunities and assumptions, safety, ethics, environmental sustainability and governance in the delivery of their role.





ECITB level 6 diploma in advanced project controls practice and techniques (RQF)

This is a degree-level equivalent vocational qualification designed to prepare the next generation of aspiring senior project controls professionals to plan and deliver the nation's major, complex and critical infrastructure projects.

Achieving this diploma is ideal for those who aspire to progress into leadership and management roles within their field as this demonstrates they have advanced skills in project control and so proves their credentials to employers.

This qualification supports the level 6 (L6) project control professional apprenticeship standard and can also be used as a standalone qualification for professionals already in specialist, leadership and management project control related roles. It also supports registration for professional recognition with the ACostE and the Engineering Council.

The qualification has been designed to be suitable for and achievable by project controllers, estimators, planners and schedulers and cost controllers. Each candidate selects a specialist pathway when they register on the qualification – these are: estimating, planning and scheduling, cost engineering or integrated project controls practice. The candidate's skills and application of knowledge is then assessed in the context of their chosen specialist pathway.

To achieve the qualification, a candidate must evidence their application of knowledge and skills to an ECITB approved assessor and achieve 11 qualification units. The qualification units have been designed to assess core technical expertise as well as the expertise required to drive the profession forwards.

The core technical expertise assessed includes the ability to communicate and advise to influence project decisions, to control uncertainties with risk and assumption management, to manage commercial and contractual arrangements, apply data-centric execution and analytics, optimise and assure, manage change, monitor and control performance, and forecast to influence future conditions.

As it is vital that future project controls leaders have an understanding of the wider context in which they operate and possess the communication skills to consult and collaborate with a range of stakeholders, with the ability to apply their skills to governance, continuous improvement, data analytics and the drive towards carbon reduction and environmental sustainability – these skills are also assessed.

Apprenticeship standards for project control

Ideal for upskilling your existing team, growing in-house talent and building capability. Integrating these apprenticeship standards into your in-house staff development provides a framework to nurture talent and provides a pathway for future growth – so supporting you to attract and retain project control expertise.

Project control technician apprenticeship standard (level 3)

This is equivalent to A levels and L6 in Scotland.

This provides the ideal framework for developing trainees in the knowledge, skills and behaviours required for a successful career as a project control technician.

On completion, an apprentice will be able to control, monitor and systematically analyse progress and performance data on engineering, manufacturing, construction and infrastructure projects. They will have strong analytical skills and a practical approach to interpreting technical information, able to use specific, complex software tools to undertake a wide range of tasks, including: identifying the right data for scrutinising progress; setting baseline targets; tracking progress and performance; forecasting trends; identifying, modelling and anticipating deviations from baseline; assessing the impact of design/construction changes; and using insight to recommend early preventative and remedial actions.

Apprenticeship levy funding is available up to £21,000

Project control professional apprenticeship standard (level 6)

This is equivalent to degree level and L10 in Scotland.

This provides the ideal framework to develop the future specialists, leaders and managers in project control, estimating, planning and cost.

A project controls professional is needed where the level of risk associated with the project such as commercial; safety; environmental; legal; and/or people, is sufficiently great to require independent assurance and verification of technical information.

Those that complete this apprenticeship will be project control professionals that ensure multi-faceted engineering and infrastructure projects deliver successfully and safely to time, cost and quality. They will be skilled at reviewing, assuring and optimising estimates and schedules, recommending cost and time objectives, critically analysing, interpreting and evaluating technical information, predicting the direction of the project and providing realistic and reliable recommendations and recovery plans for the project, programme or portfolio manager.

They will also provide insight into the environmental impact of a project's activities, how it could contribute to the drive towards carbon reduction and how to minimise negative impacts on environmental sustainability during all stages of a project, within the context of the role.

Apprenticeship levy funding is available up to £27,000



ECITB short courses in project control

Together, with industry, ECITB has developed a selection of short courses. These courses are ideal for those new to the specific topic that they cover, for those looking for a refresher course in knowledge and techniques and would be a good addition to a broader training scheme for management and graduate trainees. These courses are delivered by ECITB approved training providers and can be delivered either face to face or virtually to meet your needs.

Introduction to project control (3 days or 6 half days)

An introduction for those with little or no formal training, as a refresher course, and for those looking to understand the value of project control and how the different elements interact.

This interactive, practical and focused course provides a grounding in: project life-cycle and organisation; scope management; stakeholder management; estimating; whole-life costing; scheduling and resourcing; risks and issues; quality management; procurement; information management and change control; monitoring; controlling and reporting; handover and project closure; professionalism and ethics.

Managing risk as part of a team (1 day or 2 half days)

This course will develop the understanding of anyone who works in a project team or who needs an understanding of risk management. It introduces delegates to risk terminology, the risk management process, the practical implementation of a risk management plan, and the tools and techniques used in good practice risk management

Project document managers' course (2 days or 4 half days)

The management of documents is at the centre of every project. This course covers the principles of project document management: ensuring transferability across a company and the supply chain; understanding requirements; setting up processes; and leading the document management function.

Estimating methodology and practice (3 days or 6 half days)

This course provides training on estimating techniques, including theory and putting the methods into practice with practical exercises throughout. It is ideal for those new into an estimating role as well as for those with some experience that require a broader perspective. It provides an overview of the principles and practices of estimating, how the role is linked to activities company-wide and key inter-personal skills alongside the technical skills associated with preparing an estimate.

ECITB training standards: project control, estimating, planning, scheduling and cost control

For those that wish to develop their own training for project controls, there is a set of training standards, agreed by industry, that set out the knowledge and skills required by project controllers, estimator, schedulers and cost controllers. These standards provide a 'curriculum' – detailing specific knowledge, skills, tools and techniques.

The standards have been developed by an industry-led group of experts in the field of project control, estimating, planning, scheduling and cost control.

Companies and training providers can use the standards to develop their own bespoke training, confident that it meets industry requirements.

The training standards link to the vocational qualifications and the apprentice standards and therefore, detail the training necessary to develop the skills needed from trainee project controller up to competent project professional or technical lead.

Courses developed from one or many of the standards can be submitted to the ECITB to gain ECITB approval for the course. Companies and training providers that do this should also apply to be ECITB approved training providers.

Level 2 Training Standards		Level 3 Training Standards		Level 5 Training Standards There are 23 Level 5 Training Standards – here are the first 15:	
TS PC02-01	Introduction to project controls	TS PC03-01	Project control overview	TS PC05- 01	Manage effective application of quality processes and IT
TS PC02-02	Introduction to commercial awareness and risk	TS PC03-02	Breakdown and coding structures	TS PC05- 02	Scoping and requirements definition
TS PC02-03	Gather and process data for project control activities	TS PC03-03	Project control reporting and related governance systems	TS PC05- 03	Acquiring and acting on information
TS PC02-04	Introduction to monitoring, forecasting and reporting	TS PC03-04	Monitoring risk, opportunity and uncertainty	TS PC05- 04	Risk analysis and management (including opportunity and uncertainty)
TS PC02-05	Introduction to quality management systems and change management	TS PC03-05	Monitoring, tracking, forecasting and reporting project progress	TS PC05- 05	Maintaining, controlling and reporting on project progress
TS PC02-06	Introduction to estimating	TS PC03-06	Commercial awareness and planning procurement activities	TS PC05- 06	Task & project close-out
TS PC02-07	Introduction to planning and scheduling	TS PC03-07	Financial controls and techniques	TS PC05- 07	Advanced estimating practice
TS PC02-08	Introduction to cost engineering	TS PC03-08	Estimating practice	TS PC05- 08	Advanced planning and scheduling practice
TS PC02-09	Communicating with stakeholders	TS PC03-09	Planning and scheduling practice	TS PC05- 09	Advanced budgeting and cost control practice
TS PC02-10	Introduction to health & safety, environmental, ethical and behavioural procedures	TS PC03-10	Budgeting and cost control practice	TS PC05- 10	Interpreting and applying financial controls
TS PC02-11	Introduction to self-development	TS PC03-11	Supporting construction or manufacturing planning	TS PC05- 11	Leading the establishment of construction or manufacturing plans
		TS PC03-12	Optimisation and efficiency	TS PC05- 12	Earned value management
		TS PC03-13	Generating and using statistical data	TS PC05- 13	Advanced optimisation and efficiency practice
		TS PC03-14	Using learning curve models	TS PC05- 14	Analysing and interpreting statistical data
		TS PC03-15	Communicating with stakeholders	TS PC05- 15	Developing and calibrating learning curve models
		TS PC03-16	Professional ethics		
		TS PC03-17	Professional development		

ECITB approved training providers for project controls

ECITB specialises in the development of skills, standards and qualifications for the engineering construction workforce. As an integral part of this, the ECITB approves training providers to deliver training and assessment for more than 80,000 learners each year. There are currently more than 200 approved training providers in the UK and internationally delivering the full range of ECITB products which includes project controls.

Current ECITB approved training providers for project controls

Approved training providers deliver both ECITB developed courses and courses they have developed against ECITB approved training standards. Courses that are scheduled to be run can be found at www.ecitb.org.uk. Current approved training providers and brief information on courses they are approved to deliver are (correct May 2025):



20/20 Project Management, play an essential role in the delivery of Project Controls training to the Engineering Construction Industry. Using ECITB's suite of training standards, we strive to deliver appropriate training to the right people using the most effective delivery methods.

2020projectmanagement.com/courses/ecitb



GO FORTH were established in 2019. We provide project control solutions including training and consultancy services to the international engineering and construction industry and beyond. Currently delivering the ECITB project controls, estimating, risk management and document managers courses. All courses are facilitated through our specially configured virtual instructor-led classroom.

goforth.org.uk



Kingsfield Academy is a leading training and coaching provider for the engineering and construction industries. Currently delivering the ECITB estimating course, coaching on the use of the ECITB Project Collaboration Toolkit, and also delivering ECITB approved courses in commercial awareness, competitive tendering, risk management and contract management.

kingsfieldacademy.com



The College of Contract Management offers a variety of courses specialising in construction and engineering. With the ECITB's training, we strive to offer learning opportunities that enhance comprehension. In doing so, learners benefit from an increase in professional value, becoming a vital part in the global community.

theccm.co.uk



Blueprint Project Solutions is proud to offer a newly developed suite of Project Controls Training designed by our industry experts against ECITB training standards. Held at our in-house training facility, these sessions provide learners with valuable hands-on experience, collaborative interaction, and direct access to expert guidance in a supportive environment.

blueprint-ps.co.uk



PL Projects provide people-focused project management consulting and training services. Our expertise is grounded in on-the-job delivery, working dynamically with clients and delegates for successful outcomes. Our recent addition of 'Introduction to Project Controls' with the ECITB reflects our ongoing commitment to raising awareness and capability in Project Controls across the engineering, construction and project management sectors.

plprojects.co.uk

Approved provider courses

Introduction to planning (5 days) Project planning and practice (3 days)

A comprehensive introduction to planning, covering breakdown structures, planning and scheduling (based on TS PC02, 09)

For those with some experience, this comprehensive training on the theory and practice provides aspiring planning and scheduling professionals with the confidence to deliver their role (based on TS PC03 09).

Skills bootcamp training for project control (16 days)

Introductory level training that provides an understanding of the core elements of project controls for those with no or little formal training or experience of project controls. This bootcamp includes the ECITB-approved courses for planning and scheduling practice, introduction to estimating and introduction to commercial awareness.

Principles of estimating (2 days, 3x 3.5 hour sessions)

This training course introduces the techniques and methodologies of estimating and the effective implementation of these in engineering and construction projects (based on TS PC03 08).

Applied risk management (1 day, 2x 3 hours virtual)

Introduction to the principles of risk management and the effective implementation of these in engineering and construction projects. This is not a course about another risk tool or piece of software but rather more an inquiry into the deployed efficacy of such items (based on TS PC03 04).

Foundations in stakeholder management (1 day)

This course gives the participant skills in the identification, analysis and planning of stakeholder management and includes industry-specific case studies and scenarios resulting in aspiring project managers and key project team members being able to build and manage the most critical relationships on projects (based on TS PC03 15).

Introduction to estimating (2 courses 0.5 or 1 day)

Introductory courses. A half-day course for those new to estimating with little or no existing formal training (based on TS PC02 06).

There is also a more in-depth one-day course for those with some experience – an introduction to cost estimating (based on TS PC03 08).

Introduction to commercial awareness and risk (0.5 day)

An introduction to commercial awareness and risk management within the project control environment. An introductory level course ideal for those with little or no formal training and for those looking to improve their knowledge (based on TS PC02 02).

ECITB approved assessment centres for Ofqual regulated qualifications

The ECITB Awarding Organisation (AO) approves centres to deliver its qualifications. The ECITB AO quality-assures all its Approved Centres to ensure they have qualified staff, sufficient resources, and administration procedures to undertake effective delivery, assessment, and internal quality assurance of ECITB qualifications.

Approved Centres are training and assessment centres based in the UK, delivering courses leading to one or more ECITB vocational qualifications for learners who are either in training (at work or college) or employed at work.

The ECITB AO offers the following regulated qualifications in project controls:

- ECITB level 3 diploma in project controls practice and techniques (RQF), Ofqual QN 603/3411/3
- ECITB level 6 diploma in advanced project controls practice and techniques (RQF) Ofqual QN 603/7872/4

These qualifications are regulated by Ofqual which means the AO needs to continuously meet regulatory conditions to ensure the qualifications are of a high quality and robust.

The ECITB AO has approved the following organisations (Approved Centres) to deliver our qualifications (correct at May 2025).

ECITB level 3 diploma in project controls practice and techniques (RQF)

Approved centre	Contact	Telephone
20/20 Business Insight	enquiries@2020projectmanagement.com	0808 168 2020
Bridgwater & Taunton College	quality@btc.ac.uk	0127 865 5106
GenII Engineering Technology Training Ltd	info@gen2.ac.uk	0190 070 1300
HRUC (Harrow, Richmond & Uxbridge College)	info@hruc.ac.uk	0208 607 8000
Humberside Engineering Training Association Ltd (HETA)	hulladmin@heta.co.uk	0148 282 6635
International Assessment Centre Ltd	info@intlassessmentcentre.com	01642 433 216
Lakes College West Cumbria	info@lcwc.ac.uk	0194 683 9300
London Metropolitan College	admin.int@londonmetropolitan.college	0208 090 0350
The Engineering College	info@theengineeringcollege.co.uk	0151 666 1028
Middlesbrough College	info@northernskills.co.uk	01642 333 333
T3 Training & Development Ltd	training@t3-training.com	0122 661 0201
The Assessment Services Centre (TASC)	admin.tasc@acoste.co.uk	0127 076 3646
Train'd Up	enquiries@traindup.org	0178 664 3800
Training 2000 Ltd	info@t2000.co.uk	012 545 4659

ECITB level 6 diploma in advanced project controls practice and techniques (RQF)

Approved centre	Contact	Telephone
20/20 Business Insight	enquiries@2020projectmanagement.com	0808 168 2020
TASC	admin.tasc@acoste.co.uk	01270 763 646



Apprenticeship standards delivery

Several of the assessment centres listed above also deliver the L3 Project Controls Technician apprentice standard. 2020 Project Management and London Metropolitan College deliver the Level 6 Project Controls Professional apprenticeship standard, in collaboration with colleges.

ECITB Learner Experience Platform (LXP)

This is an online digital learning platform hosted by the ECITB. It provides ECI employers with free-to-access online learning from a range of recognised providers. This includes short 15-minute eLearning on topics such as project planning, project risk and change.

Interested?

Visit ecitb.org.uk/projectcontrols to find a course and to find approved training providers.

To book a course, or a course place, and to confirm grant availability, please discuss your requirements, in the first instance, with your ECITB Relationship Manager.