

Level 3 Project Controls

Apprenticeship code: ST0163

Sector: Engineering & Manufacturing



Length of delivery

Up to 42 months.

Entry requirements

Employers will set their own entry requirements but will typically require a good standard of English and maths.

About the role

A Project Controls Technician controls, monitors and systematically analyses progress and performance data on engineering, manufacturing, construction and infrastructure projects. They require strong analytical skills and a practical approach to interpret technical information. They use specific, complex software tools to undertake a wide range of project controls 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.

Project Controls includes the technical disciplines of estimating, planning, scheduling and cost engineering for which this apprenticeship gives a comprehensive grounding leading to roles such as project controller, estimator, planner, scheduler and cost engineer. Typically job holders work in large project teams on complex projects in sectors such as construction, manufacturing, engineering, energy and infrastructure - where detailed progress /performance tracking, and an understanding of on-site hazards, health and safety requirements and compliance is critical. This hands-on role is crucial to ensuring the successful delivery of complex projects and a shortage of skilled professionals provides opportunities for a secure, fulfilling long-term career.

What apprentices need to learn

Apprentices need to complete 20 per cent off-the-job training during the on-programme phase of their apprenticeship. Specific rules govern this, and it must take place in the apprentice's contracted hours.

End Point Assessment (EPA): how apprentices achieve their qualification

When the apprentice reaches the end of the on-programme assessment stage, they pass through "Gateway" to the End Point Assessment (EPA). The End Point Assessment comprises a range of assessment methods, including a knowledge test and practical skills assessment, to build in rigour and ensure that all components of the standard have been fully tested and met. Guidance will be provided on possible Learning Outcomes and Assessment Criteria.

Qualifications

ECITB Level 3 Diploma in project control practice
Min Level 2 English and maths

Progression opportunities

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.

Next stage

If you are an employer please contact our Business Accounts Management Lead via team-sales@lcwc.ac.uk, whom will arrange an appointment to support your recruitment needs.

