

Pearson Edexcel Level 3 Diploma in Civil Engineering for Technicians (Institute of Civil Engineers) (QCF)

Qualification Number: 501/1115/2

What is the purpose of this qualification?

This qualification meets the requirements for Technician Membership of the Institution of Civil Engineers, subject to success at a subsequent professional review. It contributes to the development of trained technician level personnel for the construction and built environment sector.

Learners will have a qualification that enables them to seek professional registration as an Engineering Technician (EngTech) with the Engineering Council.

What does this qualification cover?

This qualification is based on the Engineering Council's UK Spec requirement for EngTech – level technicians.

As it is entirely based on the requirements for EngTech competency in the workplace, all content of this qualification is vocationally-related, and evidence of knowledge, skills and understanding will be gained from a workplace or a realistic workplace situation.

This qualification is made up of nine mandatory units. These are Techniques, Procedures and Methods for Civil Engineering Tasks; Develop and Finalise Civil Engineering Solutions; Management and Leadership in Civil Engineering; Independent Judgement and Responsibility in Civil Engineering; Commercial Awareness in Civil Engineering; Health, Safety and Welfare for Civil Engineers; Sustainable Development in Civil Engineering; Interpersonal Skills and Communication in Civil Engineering; and Professional Commitment for Civil Engineers.

How is this qualification assessed?

This qualification is assessed through a portfolio of evidence gathered from a range of sources including workplace activities and realistic work environments, professional discussions, questioning and observation of performance.

Who can take this qualification?

This qualification is for all learners aged 16 and above who are capable of reaching the required standards and have the opportunity to demonstrate practical skills in a realistic construction working environment. Learners do not need any prior qualifications, knowledge or experience before starting the qualification.

What can this qualification lead to?

Learners would be able to progress to the Edexcel BTEC Higher National Certificate in Construction and the Edexcel BTEC Higher National Diploma in Construction.

Progression will also be possible to Foundation Degrees, BSc and BEng degrees in construction and civil engineering. Ultimately students can progress to MEng and MSc.

Potential job roles for those working towards this qualification are:

- Civil Engineering Technician in a variety of settings with contractors, consultants, government agencies and local authorities.

Who supports this qualification?

This qualification is supported by the Institution of Civil Engineers and the Technician Apprenticeship Consortium group of employers.

This qualification is highly valued and supported by Professional Body the Institute of Civil Engineers (ICE). It is also supported by the Technical Apprenticeship Consortium (TAC).