

END POINT ASSESSMENT DIGITAL ENGINEERING TECHNICIAN

V1.0

End Point Assessment from NOCN



Role Profile

The role is to produce detailed solutions to achieve the optimum performance of built environment projects via digital models and presentations using software, sketches and electronic visualisations. The apprentices will typically support Digital Engineers or other functional specialists in completing complex tasks using digital engineering techniques, specifically:

- virtualisation and simulation of design, construction and management of assets
- digital measurement of design, production and management of assets
- communication of complex engineering principles to stakeholders digitally
- integration of construction data and information throughout the whole life cycle of the asset
- adherence to the standards and regulation of digital information

On-Programme: What apprentices need to learn

The apprentice will be assessed on the knowledge, skills and behaviours required for the Digital Engineering Technician v1.0 apprenticeship standard.

Apprentices need to complete 6 hours of off-the-job training per week during the on-programme phase of their apprenticeship. Specific rules govern this and it must take place in the apprentice's contracted hours.

Refer to the [IfATE website](#) for further details on the apprenticeship standard and assessment plan.

End Point Assessment

End Point Assessment is the final stage of the apprenticeship. As defined in the assessment plan, the End Point Assessment for the Level 3 Digital Engineering Technician consists of the following events.



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Synoptic Project:

This task will simulate aspects of the Digital Engineering Technician role with scenarios and problems that require input and action from the candidate. The synoptic project will assess the candidate in context, testing the application of knowledge and understanding. This will create an opportunity to observe the practical skills of the candidate in real

Interview:

The interview is the final stage of the EPA; this is competence-based, taking into account the results of the Synoptic Project stage. The assessor will determine and validate the evidence provided by the EPA portfolio. This summative assessment will involve reviewing the compilation of representative work-based outputs, which appropriately demonstrate how the candidate has learned and consistently applied Digital Engineering Technician skills, knowledge and behaviours gathered towards the end of the apprenticeship.

Grading

The overall EPA will be graded Pass, Merit and Distinction, this will be determined by the results of each area of assessment. The individual should achieve at least 55% of the marks available at each stage of the EPA. As a minimum, the candidate must pass each assessed stage to be considered for an overall pass mark. Each mark will be consolidated against the relevant weighting to determine the overall outcome.

Results and Certification

On successful completion, NOCN will issue an EPA grade notification and apply to the Education and Skills Funding Agency (ESFA) to produce the final apprenticeship certificate.

Who are we?

charity whose core aims are to help learners reach their potential and organisations thrive. The group includes business units specialising in regulated UK and international qualifications, End Point Assessment, Access to Higher Education, assured short courses, SMART job cards, assessment services, consultancy and research.



We influence: We work closely with regulators and governments to influence policy decisions affecting the sector on behalf of the providers we serve.



We specialise: Our subject matter experts create learning content tailored to meet the future needs of the sectors we operate in.



We care: We aim to work in partnership with our customers, offering support and training to ensure an excellent learner experience.





We are Sustainable: In our pursuit to create long term ecological, social and economic value in all that we do to support the Net-Zero economy through individual actions and organisational strategy and initiatives.

