



<b>Qualification:</b>	Advanced Level Apprenticeships in Engineering Construction
<b>Duration:</b>	2 years
<b>Date/s:</b>	On Demand
<b>Location:</b>	Pembrokeshire College/In the Workplace with your employer
<b>Cost:</b>	No Cost

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### APPRENTICESHIP DESCRIPTION:

An Apprenticeship is a job with an accompanying skills development programme, designed by employers in the sector. It allows the apprentice to gain technical knowledge and real practical experience, along with personal skills, required for their immediate job and future career. These are acquired through a mix of learning in the workplace, formal off the job learning and the opportunity to practice and embed new skills in a real work context. This broader mix differentiates the Apprenticeship experience from training delivered to meet narrowly focused job needs.

All apprentices commencing their Apprenticeship must have an Apprenticeship Agreement between the employer and the apprentice. This can be used to reinforce the understanding of the requirements of the Apprenticeship. On completion of the Apprenticeship the apprentice must be able to undertake the full range of duties, in the range of circumstances appropriate to the job, confidently and competently to the standard set by the industry.

The Engineering Construction Advanced Level Apprenticeship Framework is recognised within the industry as one of the best routes for entrants to attain the skills required to work on engineering construction sites, including offshore installations.



The framework provides users with consistent guidelines under which to work to achieve and maintain the standards and levels of knowledge and competencies required by the industry. The occupations covered by this framework are as follows:

**Craft:**

Pipefitting; Rigging (Moving Loads); Plating; Mechanical Fitting; Steel Erecting; Welding (Pipe); Welding (Plate); Electrical Installation.

**Technician:**

Electrical Maintenance; Non Destructive Testing; Mechanical Maintenance; Instrument & Control Maintenance; Instrument Pipefitting; Design & Draughting; Completions and Controls.

**Project Control** (includes options to specialise).

Pembrokeshire College offers apprenticeships using the following pathways:

1	Pipefitting
2	Mechanical Fitting
3	Welding/Pipework
4	Welding/Plate
5	Plating
8	Electrical Installation
10	Instruments and Controls
11	Electrical Maintenance
12	Mechanical Maintenance

**FRAMEWORK STRUCTURE:**

- Competence based QCF Level 3 Diploma (completed in the workplace)
- Technical qualification – BTEC Level 3 Diploma (by attending the college 1 day per week)
- Application of Number, Key Skill Level 2
- Communication, Key Skill Level 2

**ENTRY REQUIREMENTS:**

Learners are expected to have already achieved a level 2 qualification in a related field and gained a good level of experience in their chosen area.

Good colour vision to recognise colour coded wires and components may be required (particularly Electrical Installation and Electrical Maintenance Apprenticeships)

**COURSE ASSESSMENT / EXAMINATION:**

Work-based assessments and formal exams

**PROGRESSION:**

Successful completion of this pathway may allow progression into other industry occupations, including supervisory, management and health & safety roles within Engineering Construction.