



Qualification:	Level 3 Apprenticeship in Process Engineering Maintenance
Duration:	2 years
Date/s:	On Demand
Location:	Pembrokeshire College/In the Workplace with your employer
Cost:	No Cost

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.

JOB TITLES: Process Engineer, Maintenance Engineer, Technician

JOB ROLES: Carry out complex repair/ service/ installation of plant and equipment including pumps, valves, pipework, reactors, heat exchangers and columns.

FRAMEWORK STRUCTURE:

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

**ENTRY REQUIREMENTS:**

Completion of a Level 2 engineering qualification is desirable

You must be aged between 16 and 24 OR in a new role within the last 12 months

It is essential that you are in employment within an engineering company.

You will need a good educational background, preferably GCSE grade C or above in science, English and maths.







Good communication skills are essential

COURSE ASSESSMENT / EXAMINATION:

Work-based assessments and formal exams

PROGRESSION:

Following completion of this Apprenticeship there are several options open to the successful candidate who wishes to continue their development in order to progress their career. There are opportunities to continue to undertake further vocational training or academic qualifications. These may include (but are not exclusive to) the following:

-  Foundation Degree in Process Engineering or a related discipline
-  Higher National Certificate/ Diploma in Chemical Engineering or a related discipline
-  Welsh Baccalaureate (Advanced Diploma) Principal Learning in Engineering or Manufacturing & Product Design
-  Develop their career in coaching through Assessor and Verifier Awards
-  Qualifications in a related area, including (but not limited to) Health & Safety, Training & Development, Business Improvement Techniques and Supervisory Management
-  Membership of a professional institution at Engineering Technician level (Further information available at www.engineeringuk.com)



Successful completion of the Apprenticeship could lead to one of the following job roles:

Chemicals

- Process Operators/Technicians (multiskilled)
- Process Engineering Maintenance Technicians (Electrical, Mechanical & Instrumentation)

Pharmaceutical

- Process Operators/Technicians (multiskilled)
- Process Engineering Maintenance Technicians (Electrical, Mechanical & Instrumentation)

Downstream

- Refinery Process Operators/Technicians (multiskilled)
- Process Engineering Maintenance Technicians (Electrical, Mechanical & Instrumentation)