



Llywodraeth Cymru
Welsh Government

Apprenticeship Framework in Engineering Manufacture

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The content of this Framework has been agreed and published by Semta.

OVERVIEW:

This Framework specifies the standards and criteria for the delivery of Levels 2 & 3 training provision within the Engineering occupations. Successful completion of the provision will lead to the award of a designated/regulated qualification(s) within the industry.

The Level 2 Apprenticeship is suitable for a variety of roles, including Semi-skilled Aircraft/Mechanical Maintenance Fitter, Semi-Skilled Electrical, Fabricator/Welder (semi-skilled), Marine Installation engineer (semi-skilled), Mechanical Fitter (semi-skilled), Process Engineer (Casting), Quality Control Inspector, Production Engineering (semi-skilled). Loomers/PCB Assembly,

The Level 3 Apprenticeship is suitable for a variety of roles, including Aircraft/Mechanical Maintenance Fitter, Electrical, Fabricator/Welder, Marine Electrical/Mechanical Fitter, Skilled Machinist, Skilled Fitter, Marine Engineer, Shipwright (Boat builder), Plant and Systems Maintenance Technician, Welder, Mould and Core Maker (semi-skilled), CAD Draught-person, Quality Control Inspector, Electrical Engineering Technician, Installation and Commissioning Technician, Toolmaker, Motorsport Technician (Electrical / Electronic), Engineering Modelmaker, Project Manager (Engineering).

MANDATORY OUTCOMES

Achievement of these qualifications will be assessed by verification through the appropriate awarding body. Participants must complete:

- Either a competence and a knowledge qualification or a combined competence and knowledge based qualification from one of the following pathways.
- Essential Skills and the Employment Rights and Responsibilities as stated below.

Pathways for this Framework at level 2:

Pathway 1: Aerospace, Pathway 2: Marine (Ship, Yacht, Boat building, maintenance and repair), Pathway 3: Mechanical Manufacturing Engineering, Pathway 4: Engineering Maintenance and Installation, Pathway 5: Fabrication and Welding, Pathway 6: Materials Processing and Finishing, Pathway 7: Engineering Technical Support.

Pathways for this Framework at level 3:

Pathway 1: Aerospace, Pathway 2: Marine (Ship building, maintenance and repair), Pathway 3: Mechanical Manufacturing Engineering, Pathway 4: Marine (Yacht and boat building, maintenance and repair), Pathway 5: Engineering Maintenance, Pathway 6: Fabrication and Welding, Pathway 7: Materials Processing and Finishing, Pathway 8: Engineering Technical Support, Pathway 9: Electrical and Electronic Engineering, Pathway 10: Installing and Commissioning, Pathway 11: Engineering Toolmaking, Pathway 12: Automotive, Pathway 13: Engineering Woodworking, Pattern making and Model Making, Pathway 14: Engineering Leadership.

Essential Skills Wales:

Apprenticeship level 2

Application of Number Level 1, Communication Level 1, ICT Level 1

Apprenticeship level 3

Application of Number Level 2, Communication Level 2, ICT Level 2

Employment Rights and Responsibilities (ERR)

The appropriate underpinning knowledge and induction covering workplace Employment Rights and Responsibilities (ERR) is required.

FURTHER INFORMATION

For the full and detailed content and specification for this Framework please contact:

Semta