



GENERATION APPRENTICESHIP

Engineering | oemapprenticeship.ie



Original Equipment Manufacturing

OEM Apprenticeship



Apprenticeship
Real-life Learning



SOLAS

For State-Sponsored Apprenticeship, Skillsnet and Skillsnet Plus
Further Education and Training Authority



DEPARTMENT OF EDUCATION,
SKILLS AND ENTERPRISE



cmetb
Construction Manufacturing Engineering Training Board



Board Chairpersons & Chairs
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Education & Training Board

Introduction to Original Equipment Manufacturing Apprenticeship

Original Equipment Manufacturers (OEM) are a group of Irish companies, mostly in the Engineering Sector, that provide innovative and practical solutions to a broad range of customer's needs. Many are market leaders in their field. They range in size from SMEs and family run businesses to larger companies.

The OEM Apprenticeship is targeted at the Original Equipment Manufacturing and the Installation and Services sectors which sell to national and international markets. Their products are for use in the agricultural, transportation, materials handling, quarry, construction equipment, food processing, recycling handling and allied industries.



Objectives of the Apprenticeship

The OEM Apprenticeship has two core objectives:

1. To provide trained OEM Apprentices, thereby bridging the skills gap for the OEM industry.
2. To offer credible career paths and progression routes for these apprentices.





Why choose this Career?

As an OEM Technician you will be trained in a diverse range of engineering skills in order to assemble a varied range of components, involving a range of processes, in order to manufacture and support original equipment.

Career Prospects & Progression Opportunities

Graduates of this apprenticeship programme will have the opportunity to progress into supervisory and management roles.

Graduates are also eligible to apply to a range of degree programmes in the third level sector.

For further information on progression routes, please contact the CMETB Programme Manager.

Qualification

Upon completion of the programme, successful applicants will graduate with an Advanced Certificate in Original Equipment Manufacturing.

This is a Major Award at NFQ Level 6, awarded by Quality and Qualifications Ireland (QQI).

Programme Structure

This is a three year programme delivered as follows:

Year One

16 weeks off-the-job training at Cavan Monaghan ETB or Limerick Clare ETB

+

Rest of the year on-the-job, applying these skills in the work place.

Year Two

16 weeks off-the-job training at Cavan Monaghan ETB or Limerick Clare ETB

+

Rest of the year on-the-job, applying these skills in the work place.

Year Three

14 weeks off-the-job training at Cavan Monaghan ETB or Limerick Clare ETB

+

Rest of the year on-the-job, applying these skills in the work place.



What Will You Study?

The modules delivered on this apprenticeship are:

- Health and Safety
- Engineering Drawings
- OEM Practices
- Electrical and Electronic Technology
- Mechatronics
- Testing and Measurement of Electronic Systems

- OEM Operations
- Analytics and Problem Solving
- Industrial Robotics and PLC's
- Team Leadership
- Communications
- Applied Engineering
- Capstone Work-based Project



Entry Requirements

Applicants in the first instance must secure a placement with a SOLAS approved employer and must meet the minimum standard under one of the following criteria:

Leaving Certificate (pre-2017) with grade D3 or higher in five subjects which must include Mathematics.

or

Post 2017 applicants must have achieved five O6 in the Leaving Certificate which must include Mathematics.

or

Have successfully completed an approved pre-apprenticeship training course in an engineering discipline and demonstrate a proficiency in Mathematics similar to O6 in Leaving Certificate.

or

A full award placed at Level 5 on the National Framework of Qualifications (EQF 4) which includes proficiency in Mathematics similar to O6 in Leaving Certificate.

or

In the case where an applicant is 23 years or over (or employed in the OEM sector for 3 years) and does not meet the educational requirements specified above, they may apply through the Recognised Prior Learning (RPL) process.

Additional Requirements:

All applicants must pass the Ishihara Colour Vision test (24 Plate addition) prior to registering on the programme.

The programme is delivered through English. In the event that an applicant has English as a second language, a CEFR Level C1 of proficiency in the English language is required. It is the responsibility of the applicant to provide official evidence demonstrating English language competence at C1 level.

Applicants for this apprenticeship should apply through their employer who will complete the registration process with Cavan and Monaghan ETB.



Application Process

The employer registers with the Industry Consortium Group (CSG) & SOLAS to participate on the programme.

The employer recruits and refers suitable applicants to CMETB for pre-approval.

CMETB pre-approves all applicants.

Approved applicants are then referred to their local SOLAS Authorised Officer for full registration onto the programme.

ABCON
SOLAS Authorised Officer

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