



O'CARROLL ENGINEERING
MODULAR ENGINEERING
INNOVATIVE, OFF-SITE STEEL FABRICATION

In conjunction with SOLAS, O'Carroll Engineering Metal Fabrication Apprentices will learn on-the-job skills to equip candidates to become qualified, skilled Metal Fabricators.

This **4-year apprenticeship** provides a mix of blended learning where apprentices get to work side-by-side with skilled fabricators in one of Ireland's most modern and innovative fabrication facilities. Candidates gradually build their understanding and skills while attending 3 blocks of college courses to gain the technical knowledge and certification required.

O'Carroll Engineering is truly an advanced fabrication facility and apprentices will get to apply their practical skills across a wide range of projects while interacting with digital and 3-D laser technologies.



WHY CHOOSE AN APPRENTICESHIP?

- College may not be for everyone and apprenticeships are a proven alternative pathway for school leavers to set them on their way to a rewarding and successful career.
- In an apprenticeship you have the opportunity to **Earn as you Learn**.
- The focus is on **practical skills-based qualifications** rather than theoretical or academic.
- **Completed apprenticeships** will open opportunities across industries, in any country you wish, you may even choose to work for yourself.

For more information about
O'Carroll Engineering, visit

www.ocarrollengineering.com

SUMMARY OF O'CARROLL ENGINEERING METAL FABRICATION APPRENTICESHIP

The goal of O'Carroll Engineering is to provide a safe, positive, learning environment where apprentices contribute to the company but are given the time to understand their trade and develop the quality and speed of their skills gradually while being mentored by skilled professionals. Typically, 7 phases over approx. 4 years.

YEAR 1

The first 12 months is predominately gaining an understanding of what the job is about. During this time you will work side-by-side with experienced fitters/welders/machine operators/detailers/store assistants and site fitting crews. To be a good metal fabricator you have to have an understanding of all of the elements that lead to a quality finished product.

YEAR 2

Apprentices will be gradually building up their practical skills under supervision and will attend the first of three college blocks. Year 2 includes a 6-month college block – here they will be focused on the technical knowledge required for the job.

YEAR 3

Increased practical work and responsibility, supervised with a focus on how to plan out a project, techniques and quality rather than speed of work (initially). There is an 11-week college module in year three.

YEAR 4

In year four the apprentice, depending on their progress will be given increased responsibilities and play a greater role within the fabrication team. There is an 11-week college module in year four.



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During the 4 years, apprentices go through 'constant assessment reviews' which are submitted on an ongoing basis to ensure progress is being maintained.



- **Earn as you Learn** – apprentices are paid from their entry to exit, the rate increases each year. Your apprenticeship course fees are covered.
- **O'Carroll Engineering** encourages apprentices to take on **extra courses** related to their trade and will reimburse course fees provided they have been agreed in advance and the exam is passed the first time.
- An opportunity to position yourself within the company and go straight into **full employment**.

TYPES OF SKILLS YOU WILL HAVE ONCE QUALIFIED

An overview of the role and responsibilities:

- ✓ Read 3-D technical drawings to assess job requirements
- ✓ Use technologically advanced techniques such as BIM to extract job-specific information
- ✓ Measure, mark, cut and tack steel materials
- ✓ Engage in safe workshop practices
- ✓ Work with a variety of specialised hand and power tools
- ✓ Assemble components
- ✓ Install steel systems on sites
- ✓ Assist in various manufacturing processes: finishing, assembly etc.
- ✓ Adhere to safe systems of work and company policies and procedures
- ✓ Ensure compliance with all certification requirements, e.g. EN1090



IF YOU ARE INTERESTED IN A CAREER WITH AN INNOVATIVE AND PROGRESSIVE METAL FABRICATION ORGANISATION

Please contact **Human Resources on (064) 6632055** or if you wish to apply for this apprenticeship, email: hr@ocarrollengineering.com.

APPLICATIONS SHOULD INCLUDE THE FOLLOWING:

- Letter of Application, current CV, photocopy of your official Department of Education Junior and Leaving Certificate results (where relevant) and a photocopy of any further training certificates.



STRUCTURE OF METAL FABRICATION APPRENTICESHIP

Run in line with **SOLAS guidelines**, the apprenticeship includes a mix of practical work experience and blocks of technical training in Institutes of Technology. For more information on becoming a metal fabricator and the requirements go to the following: <https://apprenticeship.ie/career-seekers/get-started/learn-more/engineering/metal-fabrication-l6>

The following is required to become a Metal Fabrication Apprentice:

- Successful completion of relevant Junior and/or Leaving Certificate subjects; e.g. Engineering, DCG, Construction Studies, Mathematics, Metalwork, Technical Graphics.
- Proven aptitude for metal works, e.g. fabrication, welding work experience.
- Desire to be part of an innovative and growing team and an excellent team player.