



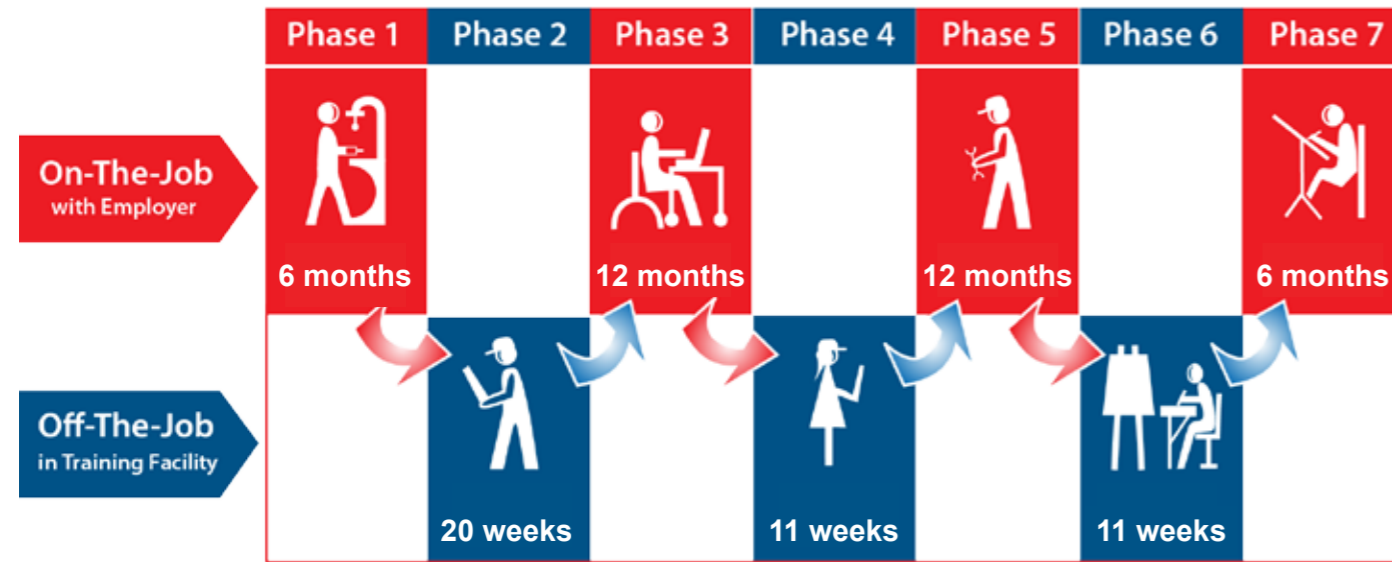
Apprenticeship Programmes



- Mechanical automation and maintenance fitting
- Sheet Metalworking
- Metal Fabrication

Duration of Traineeship:

The overall duration of these apprenticeships is a minimum of 4 years provided all phases are successfully completed.



Mechanical automation and maintenance fitting

Course Content:

- Phase 1:** Induction Training, Introduction to Health & Safety, Introduction to Tools & Equipment, Introduction to Basic Skills
- Phase 2:** Introduction and general workshop skills, Turning, Milling, Thermal Processes, Plant & Machine Maintenance, Fluid Power Systems, Introduction to CNC (Computer Numerical Control), Introduction to Abrasive Wheels
- Phase 3:** Work Based Training and Assessments
- Phase 4:** Bench Fitting, Turning, Milling, Thermal Processes, Plant, Machine Maintenance & Electrical Automation & Control, CNC Programming
- Phase 5:** Work Based Training and Assessments
- Phase 6:** Manufacturing Processes, Integrated Automation and Control, CAD/CAM (Computer Aided Design and Computer Aided Manufacturing), IT (Information Technology), Plant and Machine Diagnostics, Thermal Processes,
- Phase 7:** Work Based Training and Assessments

Award:

On successful completion of the programme the learner is awarded a Level 6 Advanced Certificate Craft – Mechanical Automation and Maintenance Fitting

Sheet Metalworking

Course Content:

- Phase 1:** Induction Training, Introduction to Health & Safety, Introduction to Tools & Equipment, Introduction to Basic Skills
- Phase 2:** Induction, Sheet Metal Fundamentals, Geometry & Pattern Development, Thermal Processes, General Sheet Metalwork, Ductwork, Decorative Metalwork, Introduction to CNC (Computer Numerical Control) Sheet Metal Manufacturing
- Phase 3:** Work Based Training and Assessments
- Phase 4:** Geometry & Pattern Development, Cladding, Precision Sheet Metalwork, Stainless Steel, General Sheet Metalwork, Metal Roof Work, Panel & Double Curvature Work, Thermal Processes, CNC Programming and Operating
- Phase 5:** Work Based Training and Assessments
- Phase 6:** Geometry & Pattern Development, CAD/CAM (Computer Aided Design and Computer Aided Manufacturing), IT (Information Technology), Stainless Steel, General Sheet Metalwork, Metal Roof Work, Thermal Processes, Special Areas
- Phase 7:** Work Based Training and Assessments

Award:

On successful completion of the programme the learner is awarded a Level 6 Advanced Certificate Craft – Sheet Metalworking

Metal Fabrication

Course Content:

- Phase 1:** Induction Training, Introduction to Health & Safety, Introduction to Tools & Equipment, Introduction to Basic Skills
- Phase 2:** Plate and Pipe Fabrication, Thermal Processes, Structural Fabrication, Fabrication Drawing, Team leadership, Communications
- Phase 3:** Work Based Training and Assessments
- Phase 4:** Thermal Processes, Plate and Pipe Fabrication, Structural Fabrication, Fabrication Drawing, Team Leadership, Communications
- Phase 5:** Work Based Training and Assessments
- Phase 6:** Thermal Processes, Plate and Pipe Fabrication, Structural Fabrication, Fabrication Drawing, Team Leadership, Communications
- Phase 7:** Work Based Training and Assessments

Award:

On successful completion of the programme the learner is awarded a Level 6 Advanced Certificate Craft – Metal Fabrication.

For an application form or for more information contact:

Ronan Denning

Email: rdenning@major-equipment.com



Major Equipment Intl Ltd

Coolnaha, Ballyhaunis,

Co Mayo,

Ireland

Tel: + 353 (0) 9496 30572

info@major-equipment.com

WWW.MAJOR-EQUIPMENT.COM



*engineering excellence
for over 40 years*