

This apprenticeship is suitable for those who are currently working within the sector or are looking to gain employment within this sector and pursue a career as a Mechanical or Maintenance Engineer.

## Why study this course?

- Apprentices will gain a good technical knowledge base of the sector as a whole and, combined with real, practical, work experience, will gain competency in the workplace and the development of transferable skills.

## Who is the course aimed at?

- The mechanical manufacturing course is tailored for apprentices working with industrial machinery, plant and equipment to make sure it performs to the required standard to facilitate production

## What will you study?

- Health and safety in the engineering workplace
- Mechanical principles and applications
- Applications of mechanical systems and technology
- Engineering drawing for technicians
- Engineering secondary/finishing processes
- Fabrication processes and technology
- Applications of computer numeric control
- Further maths for technicians
- Setting and proving secondary processing machines

## Knowledge and Skills you will develop

- This equips apprentices with the basic engineering skills, knowledge and understanding they need before starting the more job specific in-company training.

## Behaviours you will develop

- Working as an Engineer you will develop skills in communication, team work and interpersonal skills and the ability to improve own learning and performance.
- Employee Rights and Responsibilities

## Entry requirements

- You will need to complete initial assessment in maths and English and take part in an interview with a member of our Assessment Team.
- You should also have a minimum of maths and science GCSEs Grades 3-4 or above or achieved an intermediate apprentice.
- You will need to be working in an environment that will provide you with the opportunities to learn and develop your engineering skills.

## How long will it last?

- 18 – 24 months

## How will it be delivered

- You will attend college 1 day per week and be assessed in the workplace. You will be required to present a portfolio of evidence.
- Maths and English development will be delivered through a mixture of College based sessions and assignment in the workplace.
- Employment rights and Responsibilities will be embedded into the NVQ delivery.

## Qualifications gained

- Level 3 NVQ Extended Diploma in Fabrication and Welding Engineering- Manual Welding or Level 3 NVQ Extended Diploma in Mechanical Manufacturing Engineering- Machining
- Maths, English and ICT Level 2
- Employee Rights and Responsibilities

## Progression to further study

- The Apprenticeship in Engineering scheme provides the best possible preparation to achieving trained operator/semi-skilled status within the industry. It may also, where appropriate, provide positive progression to an Advanced Apprenticeship or higher-level work

## Further details

- Further details on this framework can be found at:  
[www.afo.sscalliance.org](http://www.afo.sscalliance.org)

## Who to contact

- For more information about apprenticeships, funding and training, please contact our Business Development Team on 01704 392817 or email on [employer@southport.ac.uk](mailto:employer@southport.ac.uk)