


Ofsted
Outstanding
Provider

**Riverside
College**
Widnes & Runcorn



Level 3

Product Design and Development Technician

 **Apprenticeships**

99%
Employer Satisfaction

Level 3

Product Design and Development

Summary

The Apprentice will work as part of a team to provide technical support and expertise for all areas of the Engineering Industry. This is a 42-month apprenticeship which requires a good standard of Maths, Science and ICT capability, and an interest in product design and computer programming. Technical support could include producing engineering drawings, product development and innovation, production scheduling and planning and quality control/inspection.

Entry Criteria

We would expect apprentices to have achieved 4 GCSEs including Maths and English at grade C/4

Attendance

Apprentices will attend college one day a week (during term-time only) at our Cronton College campus.

Duration

42 months + EPA

What will I learn?

- Apprentices will be trained on 2D and 3D Autodesk CAD software
- Apprentices will be able to produce engineering drawings which meet industry standards
- Apprentices will understand methods used to evaluate technical documentation and procedures for documentation control
- Apprentices will understand and apply mathematical and scientific techniques, formulae and calculations
- Apprentices will understand the requirements of internal and external customers
- Apprentices will contribute to the business by identifying possible opportunities for improving working practices, processes and procedures

Qualifications

- Level 2 diploma in Advanced Manufacturing
- Level 2 Award For Foundation Phase Gateway
- Level 3 Diploma in Advanced Manufacturing and Engineering Product Design and Development Technician
- Level 3 diploma in Advanced Manufacturing Engineering
- Level 3 Apprenticeship

The Apprenticeship Journey

Initial Steps



Make an application

- Via your employer
- Or for a new apprenticeship vacancy

Interview Stage

(NA for existing employees)

Initial Assessment

Maths & English

Your Apprenticeship



Induction (0-3 Months)

- Start with employer
- Enrolment/commence college course
- Understand expectations

On Programme (3- 42 months)

- Continue college course (once a week)
- Work towards objectives
 - Develop Portfolio

Gateway (42 months+)

- Complete mandatory qualifications
- Level 2 Maths/English
- Sufficient Portfolio

Your End Point Assessment



End Point Assessment (42- 45 months)

- Completed over a 3 month period to allow for work scheduling
 - Pass/fail marking

Assessment Type

Practical Observation

Professional Discussion

Reflective Portfolio

How To Contact Us



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