

Engineering and Manufacturing



North Wales has the most technologically advanced manufacturing and engineering firms in the whole of the UK and 34% of North East Wales' employment is in manufacturing. We work closely with over 150 local engineering and manufacturing companies to develop their workforces through Apprenticeships and build industry relevant skills to create a thriving sector.

Engineering Apprentices will spend time at our recently refurbished state of the art facilities at our Deeside or Bersham Road site for day release and assessment as well as being assessed onsite by our industry served assessing teams.

Engineering apprentices will be required to have a high level of maths and english as well as the ability to work precisely.

We recommend that before starting an Engineering Apprenticeship you enrol full time in college to complete a Performing Engineering Operations (PEO) course or Level 3 Enhanced Engineering before looking for an Apprenticeship.

Qualifications we offer

Course	Pathways	Entry requirements	Typical duration	Study mode & assessment	Location
Level 2 Engineering	Engineering, Performing Engineering operations	Employed in a relevant industry, GCSE Maths and English at grade C or above	1 or 2 years to be agreed with employer	Work based assessment & day release	Bersham Road or Deeside
Level 3 Engineering	Engineering Maintenance, Mechanical Manufacture Engineering, Engineering Technical Support, Electrical & Electronic Engineering, Installation & Commissioning	Employed in a relevant industry, Performing Engineering Operations / Foundation Apprenticeship in Engineering, GCSE Maths and English at grade C or above	24 Months	Work based assessment & day release	Bersham Road or Deeside
Level 4 Engineering		Employed in a relevant industry PEO and/or 2 A Level in Maths and science. Or Progression from L3 Apprenticeship	24 Months	Work based assessment & day release	Bersham Road or Deeside

Qualifications we offer

Course	Pathways	Entry requirements	Typical duration	Study mode & assessment	Location
Level 2 Manufacturing		Employed in a relevant industry	18 Months	Work based assessment	In the workplace
Level 2 Diploma in Performing Manufacturing Operations		Employed in a relevant industry	18 Months	Work based assessment	In the workplace
Level 3 Diploma in Processing Industries Operations		Employed in a relevant industry	24 Months	Work based assessment	In the workplace
Level 3 Process Manufacturing		Employed in a relevant industry GCSE Maths and English at grade C or above	2 years	Work based assessment	In the workplace
Level 2, 3 & 4 Business Improvement Techniques		Employed in a relevant industry GCSE Maths and English at grade C or above	18 - 24 months	Work based assessment	In the workplace
FdEng/BEng Advanced Manufacturing Engineering	Electrical, Mechanical	Employed in a relevant industry 3 A Level, inc. B in Maths & Physics BTEC 180cr Dip. (D*D*D*) HNC BTEC 120cr Dip (D *D *) (and entry test)	2 - 3 years	Work based assessment and day release	Deeside
FdEng/BEng Aeronautical and Manufacturing Engineering	Electrical, Mechanical	Employed in a relevant industry 3 A Level, inc. B in Maths & Physics BTEC 180cr Dip. (D*D*D*) HNC BTEC 120cr Dip (D *D *) (and entry test)	2 - 3 years	Work based assessment and day release	Deeside

Industry statistic/salary expectations

The average salary for an engineer is between **£26,000 and £50,000** depending on experience with the opportunity to get even more and progress further in your career

Top tip

Try contacting local companies directly if you are looking for an engineering apprenticeship or keep an eye out for College organised recruitment events if you are a full time student