



MOVING FORWARD

ENGINEERING THE FUTURE



NWTC: PIONEERING
TRADITIONAL
AND INDUSTRY 4.0
ENGINEERING SKILLS
IN LIVERPOOL
CITY REGION

North West Training Council (NWTC) was established in 1963, supporting employers by training apprentices to engineering industry standards. The Advanced Manufacturing and Engineering industries have evolved over the last 50 years, and we have evolved with it, ensuring that the courses and training we offer reflect the needs of the sector and the hundreds of apprentices across national and local employers that we serve.

We are now at the start of an exciting new chapter in the history of NWTC. With the help of Liverpool City Region (LCR) Combined Authority, we have relocated into a brand new **Advanced Manufacturing Engineering Training Centre**, housing the latest state of the art engineering training equipment and machinery. The new training centre is designed to give our learners optimum hands-on experience and training in real life and simulated workplace environments, equipping them with the skills and competencies employers need to compete in a global economy.

NWTC has a bold and ambitious vision for the future. We aspire to be the number one choice for advanced manufacturing and engineering provision not only in the North West but nationally. Our new training centre is

a significant step in achieving this vision. We continue to work with the LCR, and our partners Make UK to provide the best training opportunities the region has to offer. NWTC is committed to supporting LCR in becoming a global engineering industry hub, and we are excited to embark on the journey with new and existing learners and employers.

Steve Cobain
CEO

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We have a great engineering heritage in the region, thanks to the dedication and determination of outstanding employers.

ABOUT US

NWTC provides high-quality engineering and manufacturing apprenticeship training to businesses throughout the UK. Based in the North West, we are one of the largest and most trusted Independent Training Providers in the region. Since opening our doors in 1963, we have successfully trained thousands of apprentices and offer a comprehensive portfolio of apprenticeship standards and commercial courses for the engineering and advanced manufacturing sectors. So, whether a large multinational or a small startup, our training services are tailored to meet the needs of the employers we work with.

THE NWTC TIMELINE

1963



The Merseyside Training Council (MTC) is established above a butcher's shop in Aintree, Liverpool. MTC partners with the Engineering Industrial Training Board (EITB) to offer engineering training to businesses that employ apprentices. We begin working with Ford, British Leyland and Plessey.

1968



Our first training centre opens in Speke - the Merseyside Engineering Training Centre (METC). Here, our apprentices receive 12 months of concentrated training in a purpose-built facility before returning to their employers.

1989



MTC changes its name to North West Training Council, and NWTC, as we know it today, is born. The change of name reflects the organisation's proud heritage and better represents where our apprentices are from. Further training centres open in Aintree, Knowsley, Sefton, Wirral, Halton and Skelmersdale. At this time, NWTC expands its apprenticeship offer to include construction.

2018



NWTC continues to expand its training portfolio, providing a wide range of apprenticeship programmes and commercial training from the Dunnings Bridge Road centre.

2019



Supported by the Liverpool City Region Combined Authority (LCRCA), NWTC moves to a brand new facility – the Advanced Manufacturing Engineering Training Centre fully equipped to train 21st Century apprentices in the Industry 4.0 landscape. The move enables NWTC to compete on a national scale, providing the most up to date industry-relevant training using state of the art equipment

2021 & BEYOND



No one could have predicted the events of 2020 and the emergence of Covid-19. This sees NWTC demonstrate its ability to be flexible to meet the needs of our employers and apprentices through our digital approach and delivery of remote and blended teaching.

NWTC is looking to the future, building on its success and continuing to offer high-quality apprenticeship training on both a regional and national scale.

2021/22 will see NWTC expand its portfolio of courses to include Pre-apprenticeship programmes in Engineering. In addition, we will be working with the LCR to identify future training needs and opportunities, engineering a brighter future not only for the North West but regionally and nationally.

A man in a dark polo shirt and safety glasses is shown in profile, looking towards the right. He is standing in a factory or industrial setting, with various pieces of machinery and equipment visible in the background. The scene is overlaid with a blue tint and a green diagonal shape on the left side. The text "THE NWTC OFFER" is centered in the image, with "NWTC" in yellow and "THE" and "OFFER" in white.

THE NWTC OFFER

APPRENTICESHIPS

We offer a range of apprenticeship standards which develop professional skills for the following job roles:

- Electrical/Electronic Engineer
- Electrotechnical Installation / Maintenance Engineer
- Engineering Manufacturing Technician
- Fire, Emergency & Security Systems Engineer
- Food & Drink Maintenance Engineer
- Gas Engineer Technician
- Lift & Escalator Electromechanics
- Maintenance and Operations Engineering Technician
- Maintenance Engineer (Electrical or Mechanical)
- Manufacturing Engineer
- Mechatronics
- Science Industry Technician (Maintenance or Manufacturing)
- Toolmaking

We offer Apprenticeships at level 2, 3, 4, 5 and 6. We also offer pre-Apprenticeships programmes for those who aren't yet ready for Apprenticeships.

COMMERCIAL COURSES

We offer a wide range of commercial official industry courses including:

- Abrasive Wheels
- Basic Mechanical and Electrical, and conversion courses
- Electrical including 18th Edition, AM2, PAT, 2391, and bespoke courses
- Programmable Logic Controls (PLC)
- Hydraulics & Pneumatics
- Power Press Legislation and Practical
- Gas: Commercial and Domestic

Please ask about our full range

HIGHER EDUCATION

We offer technical education at L4 HNC and L5 HND in General Engineering or Electrical/Electronic Engineering.

Our apprenticeship courses can be delivered flexibly to suit the needs of employers, such as by block release, day release, or a mix of the two.



FACILITIES

NEW TRAINING CENTRE

NWTC's new high-tech training base in Wellington Employment Park, L5 houses new workshops, offices and classrooms, with the equipment required to deliver effective training in the very latest approaches to manufacturing and engineering, in addition to the traditional engineering practices.

Key facts:

- **Modern:** 145,000ft² learning space, computer/technology suites and workshops
- **Well equipped:** state of the art training technology.
- **Well connected:** short walk to Sandhills train station.
- **Safe:** Gated with 24 hour access.

EQUIPMENT

Our new training centre is equipped with highly sophisticated training technology including:

- Industrial robotics systems
- Programmable logistic control systems
- CNC
- Fluid power systems
- Lean motor controlled systems
- Flexible manufacturing systems



The new training centre has been funded with £2.9m from the Local Growth Fund. Local Growth Funding is awarded to the Liverpool City Region Local Enterprise Partnership (LEP) and invested through the Liverpool City Region Combined Authority through its Strategic Investment Fund.



APPRENTICESHIPS

NWTC is a leading provider of Apprenticeships in the North West, approved by the Government. We work with large employers, helping them invest their Apprenticeship Levy to bring huge benefits to their business, not only through the recruitment of new apprentices but also the upskilling of their current workforce.

We also support smaller businesses by training their staff to develop the skills required to compete nationally and internationally.

Our Apprenticeship services include:

- Recruitment of apprentices for vacant positions
- High quality training linked to latest engineering industry practice
- Flexible training options to suit employers eg block and/or day release
- Ongoing monitoring of apprentices' progress
- One to one personal support for apprentices as required

We offer Apprenticeships suitable for a wide range of roles in engineering and manufacturing industry sectors.

We also have the option for apprentices to undertake their training on a residential basis. This option often suits large national employers.

“At its heart, engineering is about using science to find creative, practical solutions. It’s a noble profession.”

– Queen Elizabeth II



AWARDS AND ACCOLADES

At NWTC, we recognise and celebrate our apprentices' achievements by

- Holding annual recognition awards
- Nominating our apprentices and employers for both local and national awards
- Supporting STEM ambassador programmes

“I have been impressed with the urgency of doing. Knowing is not enough; we must apply. Being willing is not enough; we must do.”

– Leonardo da Vinci (engineer, inventor, artist, mathematician)



WHY CHOOSE **NWTC**
FOR APPRENTICESHIPS?

EXPERIENCE

We have over 5 decades' experience delivering Apprenticeships in engineering and manufacturing, delivering high quality training to both small businesses and globally recognised companies. We also have substantial experience delivering the **new Apprenticeship standards**.

PERFORMANCE

We've trained thousands of apprentices from the region to industry standards. NWTTC's apprentice achievement rates and employer satisfactions are consistently higher than the national average.

START TO FINISH RECRUITMENT SERVICE

We support our employers with recruitment, we develop the job description in line with employers requirements, pre-sift, test and interview candidates before putting them forward to an employer. We can support with any internal processes the employer has.

FLEXIBLE DELIVERY

We offer flexible delivery of training to meet business needs, for example block release, day release, mix of block/day release. We also have a full residential offer.

HIGH-TECH TRAINING FACILITIES

Our new state of the art **145,000** square foot training centre features the latest in engineering equipment, mini process plant, classrooms and workshops. It has excellent public transport links.

CHAMPIONING EFFICIENCY, PRODUCTIVITY & SAFETY

We work to standards dictated by the **5S methodology** for occupational health and safety within our workshops and across our business. This universal approach is used extensively across the engineering sector to ensure focus on visual order, organisation, cleanliness and standardisation which is key to **lean manufacturing**.



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Education & Skills
Funding Agency



Apprenticeships



LIVERPOOL
CITY REGION
COMBINED AUTHORITY

METROMAYOR
LIVERPOOL CITY REGION

NORTHERN
POWERHOUSE



Liverpool City Region
Local Enterprise Partnership

STRATEGIC INVESTMENT FUND