

**WORKING LIFE AND SKILLS**

**ENGINEERING  
ENERGY  
AND  
ENVIRONMENT**



[tynemet.ac.uk](http://tynemet.ac.uk)

## INTRODUCTION

TyneMet specialises in teaching, training and skills development across a range of industry sectors including engineering, waste management, recycling, local environmental services, construction, highways maintenance and road building. The Engineering, Energy and Environment department also provides apprenticeships for the heating and ventilation industry, and sub contract work for apprenticeships in engineering.

## FACILITIES

Most of our courses are taught within workshop or industry environments to support the acquisition of work skills and ensure students learn current industry methods. Many programmes are delivered at the Coast Road Campus and training in the workplace is flexible to suit the needs of students and employers. Employers can access training and funding and courses can be tailored to support specific requirements.

## QUALIFIED TEACHERS

The department offers experienced and fully qualified teachers, trainers and assessors with industry experience. Their expertise enables them to help students progress successfully through their courses.

**“I’d always loved working with my hands but I wasn’t sure how to make it my job. Now, I’m based in a real workplace, studying for a qualification as I work. I know my apprenticeship is taking me a step up the ladder I want to climb.”**

Katherine Lowther, NVQ Level 2 in Engineering.

## LINKS

Engineering, Energy and Environment staff work closely with employers and partners in order to access support for training and development. Strong links with all industry sectors as well as connections with several national companies give students a clear advantage. The department is well networked with local universities and businesses and works closely with TyneMet’s Higher Education Centre, which offers a number of foundation degrees.

## SUCCESS STORIES

Neil Middlemiss



With 23 years experience working for North Tyneside Council’s Waste Management department, Neil Middlemiss was offered the chance for further training. He gained NVQ qualifications in the workplace and decided to take his career

development further. Neil says: “I gained a qualification in Highway and Land NVQ Level 2. After the course I got the bug for learning and progressed to Level 2 in Waste Management. This gave me more confidence and opened the door to promotion.” Five years on and Neil is a full-time trainer and assessor at TyneMet. He delivers training in the workplace for recycling and waste management companies.

## STUDENT UNION

TyneMet’s Student Union is your voice on all campus issues. As well as receiving great money saving offers and discounts, members can attend SU social events and really get involved in college life.

# COURSES

TyneMet's Engineering, Energy and Environment courses offer students the chance to develop skills in a wide range of practical, technical and specialised areas. Working in partnership with industry training specialists, the department ensures that all programmes provide training in the most up-to-date skills and techniques.

<b>BTEC National Cert in Mechanical Engineering</b>	<b>Full Level 3</b>
<b>BTEC National Cert in Electrical Engineering</b>	<b>Full Level 3</b>
<b>BTEC National Cert in Operation and Maintenance Yr 1</b>	<b>Full Level 3</b>
<b>C&amp;G 2382 17th Edition IEE Wiring Regulations</b>	<b>Level 3</b>
<b>C&amp;G 2330 Electrotechnical Certificate</b>	<b>Full Level 2</b>
<b>C&amp;G 2391 Inspection and Testing</b>	<b>Level 3</b>
<b>C&amp;G 2330 Electrotechnical Certificate</b>	<b>Level 3</b>
<b>C&amp;G 2377/1 Portable Appliance Testing Certificate</b>	<b>Level 3</b>
<b>C&amp;G 0736 Waste Management Operations NVQ</b>	<b>Levels 1-4</b>
<b>C&amp;G 0738 Recycling Operations NVQ</b>	<b>Levels 1-4</b>
<b>Banksman Training</b>	<b>Short Course</b>
<b>Introduction to Abrasive Wheels (6hrs)</b>	<b>Short Course</b>

Level	Typical qualifications
<b>ENTRY LEVEL</b>	Skills for Life Skills for Work Word Power / Number Power
<b>LEVEL 1</b>	Skills for Life NVQ Level 1 Five GCSEs at grade D – G (or fewer at grade A* – C) GNVQ Foundation CSE below grade 1
<b>LEVEL 2</b>	Skills for Life NVQ Level 2 Five GCSEs at grade A* – C Five CSEs at grade 1 One A level or 2 / 3 AS Levels BTEC 1st Diploma GNVQ Intermediate Modern Apprenticeship
<b>LEVEL 3</b>	NVQ Level 3 Two or more A levels Four or more AS levels GNVQ Advanced HEFC Advanced Modern Apprenticeship
<b>LEVEL 4</b>	NVQ Level 4 Teaching qualifications including PGCE BTEC HNC/D Foundation Degree Nursing (SRN)
<b>LEVEL 5</b>	NVQ Level 5 Continuing Education Diploma Professional Development

# NEXT STEPS

To apply for any course complete an application form or call 0191 229 5000 or email [enquiries@tynemet.ac.uk](mailto:enquiries@tynemet.ac.uk)