

North East Institute of Technology

Newsletter – May 2023



NA College

MC Middlesbrough College

**New
College
Durham**

**Newcastle
University**

Tyne Coast College



**ESH
GROUP**



SPRING JUST GOT CLEAN AT EDC!

East Durham College is delighted to announce the launch of a brand new clean room facility + additional classroom space at its Peterlee campus.

The new facilities, which the college has invested over £500,000 into, will give students at the college's sixth form studying scientific course programmes the opportunity to study and work in a realistic clean room environment.

Cleanrooms are specialist engineered spaces designed to have a very low concentration of air particles to facilitate scientific research.

The new 23m square room includes specialist bench working space for learners, changing room and will include several pieces of equipment such as:

- Safelab Airborne Filtration Fume cupboard
- Portable Pressurised Eyewash with Drench Hose
- Trespa Lab Benching Units
- Whiteroc Walls

EDC has also expanded their existing hospital ward as part of the project, allowing health and social care learners to study in an authentic space.

The college has also invested additional money in a graphical revamp of the corridor outside the clean room.

The new wall graphics feature an extensive array of scientific quotes, facts and figures from leading bodies in the industry, and are the perfect compliment to the new facilities.



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T E C H N O L O G Y



www.edc.ac.uk

NA College

Real Life, Real Knowledge, Real Education



www.nacollege.ac.uk



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01914661188

The Face of Engineering Festival @ the Common Room

NA College fully supports the Face of Engineering at the Common Room inspiring the next generation. NA College will be supporting and taking part in all aspects of the Face of Engineering Festival.

The Common Room's Face of Engineering Festival will take place over three days (22nd, 23rd and 27th May 2023) and will host a schools day, industry conference, dinner, and family day.



NEAA Annual Awards and Dinner



NA College with some of the other NEIoT partners recently sponsored the NEAA Annual Awards Dinner and awards, to celebrate some of the region's best companies and most outstanding talent as well as promoting and driving the future workforce of apprentices and graduates.

With over 80 businesses represented by 250 guests, it was the biggest dinner to date!



The Apprenticeships Conference 2023 Free Webinar

Partnership manager Judith Jackson at NA College delivered a webinar in association with the National apprenticeship conference on Maximising your Levy.



NORTH EAST
INSTITUTE OF
TECHNOLOGY

Competence to Excellence

Regional competitions that provide the opportunity for our students to shine



Construction

Our construction students tested themselves at the regional competition held at Newcastle College on Friday 17th March.

BSE

Our BSE students took part in the HIP competition sponsored at Worchester BOSCH at Darlington College.

WorldSkills

Construction and Automotive students are preparing for the World Skills competition starting in June.



Carpenters & Joinery students were given the opportunity to train with "Master Carpenters" in Germany where they learnt a wide range of new construction skills, experiencing first-hand how to replicate & achieve structures in a unique way. The students observed how to construct & insulate buildings whilst testing for air tightness and how to construct roofs.

TAKING CALLUM HIGHER



Callum studied the Level 3 Extended Diploma in IT at Middlesbrough College back in 2015 and he now owns CB Social. CB Social are a Teesside based digital marketing agency who specialise in social media marketing and content creation and have clients across the globe.

Callum said: “During my studies, I covered a range of digital topics, and I got a lot of hands-on experience which prepared me well for the outside world. I still make use of the valuable tools and information I was taught at College in my work now.

“The College boasts brilliant tutors who really care about their student’s education. Some of the tutors who taught me are still at Middlesbrough College now and are continuing to deliver excellent education.

“I was invited to join the College’s digital advisory board because of the experience I have in industry, so it is strange to now be working so closely with my former tutors and sharing information with them about the needs of the sector.

“Digital marketing is a growing field and I want to help students gain the experience needed to succeed in industry, so that’s why I offer students at the College valuable work placement opportunities with CB Social. I want to help drive forward the next generation of digital talent, and I know giving those valuable hours of experience massively benefits the students, and it is helpful for our business too! Our work placement students work on real client facing projects and support with our workload. I would definitely encourage other local businesses to do the same and get in touch with the work placement team at the College.

“My advice to anyone considering a career in the digital industry is to pursue work experience and build your portfolio. The sector is constantly growing and changing and there are lots of exciting opportunities.”

Find out more online mbro.ac.uk

If you are a business and want to find out more about taking on a work placement student with Middlesbrough College, please contact placements@mbro.ac.uk



Middlesbrough
College Group



Taking **you** higher



Northumberland College joins North East Institute of Technology.

Hundreds of people across Northumberland are to benefit from higher technical skills training as Northumberland College joins the North East Institute of Technology.

With an already outstanding engineering and manufacturing provision, being a member of the NEIoT will enhance the college's careers-focussed curriculum to ensure students are job-ready and further strengthen links with North East industry.

The move coincides with a successful £24 million Department for Education's Strategic Development Fund bid led by Northumberland College and delivered in partnership with Newcastle College, Tyne Coast College, SORA Group, 3t Energy Group and Energy Central, the project sought to better meet the needs of employers in the emerging green transport and green energy sectors.

Significant investment at Northumberland College has been made in specialist, technical equipment and cutting edge technology to support teaching and learning. Investment includes the installation of a 360 degree digitally enabled learning environment to immerse students in real world scenarios as well as the development of a battery manufacture gigaplant and offshore wind farm digital twins. New industry standard engineering equipment has also been purchased.

New courses and units have been designed and developed in electric vehicle battery manufacturing, clean room manufacturing, chemical hazard awareness in battery manufacturing, and maintenance and reliability improvement techniques.

A collaborative STEM outreach programme for schools and local community organisations has also been delivered to raise awareness of the green energy and green transport sectors and showcase the many careers available in the region.

At Kirkley Hall Campus, investment supported by the T Level Capital Fund will take Northumberland College's technical qualifications to a new level with expansion into in areas critical to the demand for skills and the rural economy such as Agri-Tech.

In 2025, the college will be moving from its current Ashington Campus to a ground-breaking new site at Wansbeck Business Park developed by the Department for Education.

Designed to be as close as possible to carbon neutral in both construction and operation, the pioneering Gen Zero campus will boast an industry standard advanced manufacturing, engineering, and construction skills centre; a green transport, automotive and logistics hub; in addition to digital classrooms, virtual reality environments; employability facilities; and a centre for young people with special educational needs.

Warick Stephenson, Associate Principal of Curriculum Development and Growth, said: "We are delighted to be joining the North East Institute of Technology during what is an exciting phase of growth and development for Northumberland College.

"It is paramount that we deliver the skills required now and into the future, to enable our local people to access long term sustainable careers in the region. The investment in our higher technical provision at our campuses will inspire young people to work in these industries and help upskill those who wish to progress in their careers."



[northumberland.ac.uk](https://www.northumberland.ac.uk)



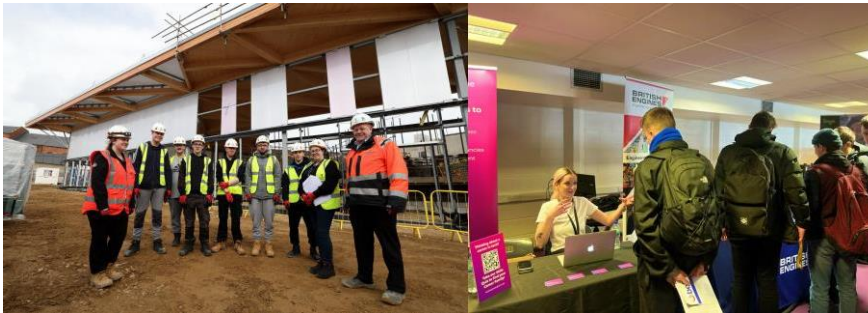
Department
for Education

NATIONAL CAREERS WEEK 2023

Last month, Tyne Coast College celebrated a fantastic National Careers Week 2023!

As part of the week, the TCC careers team planned a diverse range of exciting activity to support students on their career pathways including guest speakers from various industries, careers events and visits to meet with a range of local employers.

Construction students also enjoyed a behind the scenes look at North Tyneside Transport Interchange project - with thanks to Willmott Dixon.



WOMEN IN STEM – WISE CONFERENCE

Staff from Tyne Coast College recently travelled down to London with three aspiring engineers to attend the WISE conference at the Institution of Engineering and Technology (IET).

During the event, the students got the chance to network with inspiring females working in STEM, hear all about their career journeys and find out more about opportunities in the engineering industry.

The event was also a great way to explore innovative ways of growing the number of talented STEM women and bridging the gender gap.



Esh Group



ESH GROUP

CECA NE Foundations Group

As part of Civil Engineering Contractors Association (CECA) NE Foundations Group Kate Marshall-Nixon from Esh Group, Stuart Miller from CECA North East and Luke Morrissey from Gateshead Council were welcomed to Tyne Met College to give Engineering students a fantastic presentation on an 'Introduction to Civil Engineering.' Tyne Met College staff felt that delivery and content were perfect for their learner group and gave valuable insight into the civil engineering industry. Learners were very engaged and asked some really interesting and thought provoking questions, demonstrating their future investment to the industry.



Social Value Commitments

Esh Construction are hosting a series of workshops for construction students at New College Durham. The workshops focus on employability skills as well as Health & Safety, Project Management and Social Value. The workshops are being delivered as part of the company's social value commitments relating to the New College Durham 'T.H.E. HUB' extension.

- Employability - 25th April
- Project Manager (Civils) - 27th April
- Employability - 2nd May
- Health & Safety - 4th May
- Project Manager (Build) - 4th May
- Employability - 22nd May
- Social Value - 12th June



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