



# North East Institute of Technology

Course Guide 2022/23

Technical training for your future. Today.

NORTH EAST

I	N	S	T	I	T	U	T	E	OF
T	E	C	H	N	O	L	O	G	Y



# Welcome to the North East Institute of Technology



Thank you for taking the time to find out more about the North East Institute of Technology (NEIoT). We are proud to be one of the first twelve established Institutes of Technology in the UK.

Institutes of Technology are collaborations between further education colleges, universities and businesses. Our aim is to develop the high-level technical skills and qualifications that employers really need both now and in the future.

Institutes of Technology focus on technical subjects across a range of industries, and all the Institutes emphasise the particular skills needed in their region.

The North East Institute of Technology concentrates on advanced manufacturing and engineering, construction and digital.

Studying at or working with the North East Institute of Technology will be an exciting path for everyone. You may be looking to embark on your chosen career, or you may already be on your career path and want to advance your skills and qualifications. You may be an employer looking to invest in your workforce by recruiting or upskilling.

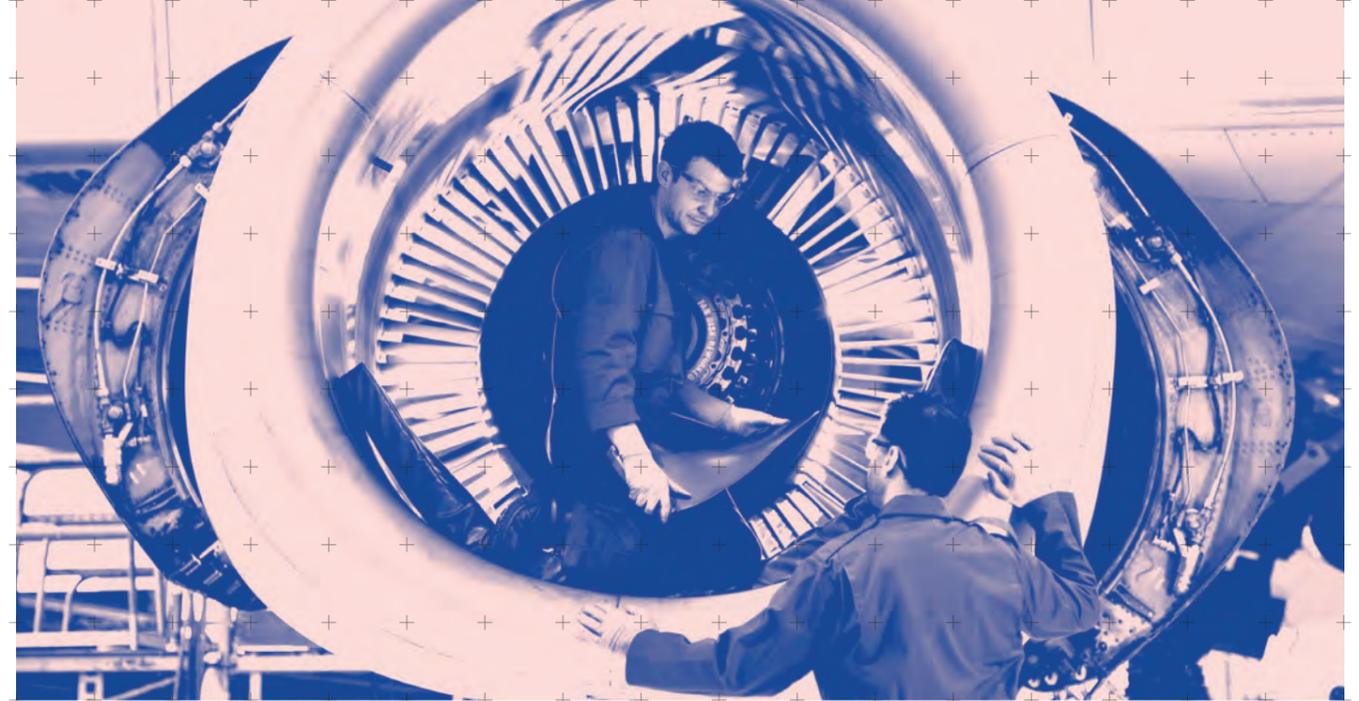
Whatever you need for your career or for your workforce, the North East Institute of Technology is here to support you.



East Durham College



Middlesbrough College



## A committed partnership

The North East Institute of Technology is a partnership of further education colleges, universities and businesses, committed to supporting higher technical skills development in the North East.

The knowledge and experience of our partner colleges, the access to a range of facilities and locations, and input from high profile employers, all combine for a partnership committed to success.

We work together to support the region by providing employers with the skilled workforce they need, and by providing students with an excellent technical education.

## Technical. Skills. Work.



NA College

### Further Education partners



Middlesbrough College



TyneCoastCollege



### Higher Education partners



### Lead Employer Partners

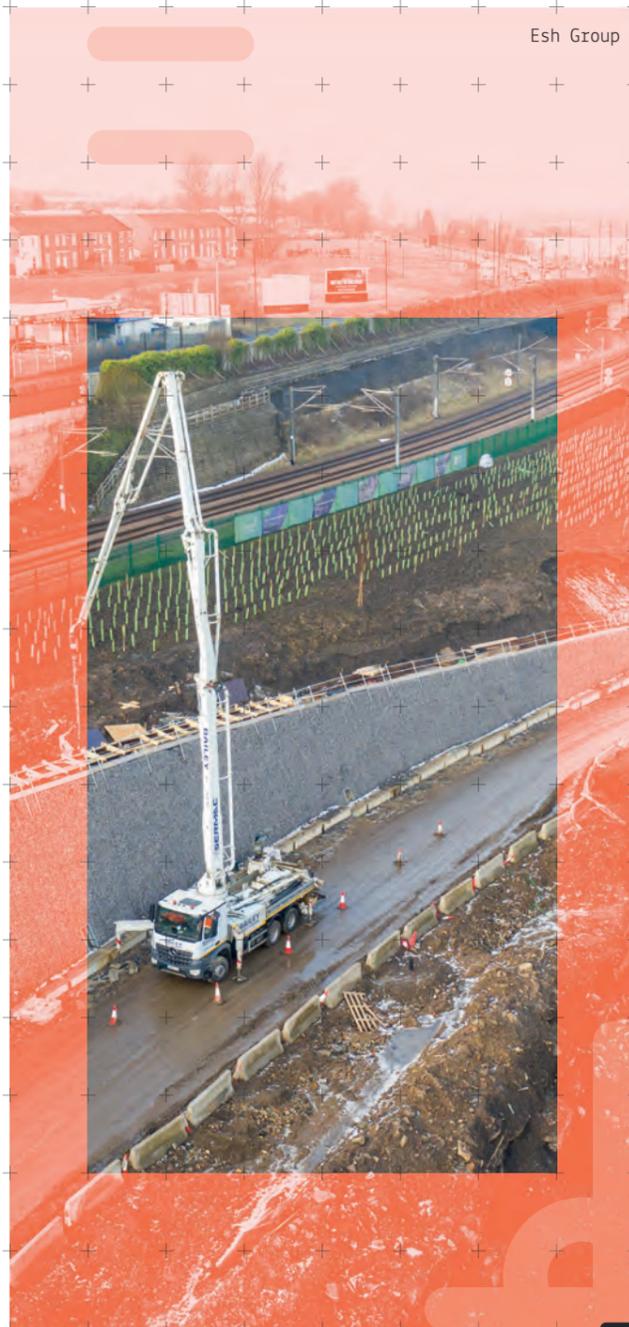


## Studying at the North East Institute of Technology

The North East Institute of Technology offers courses from Level 3 up to Level 7. You can choose from full and part time courses, or apprenticeships and higher apprenticeships.

As a student at the North East Institute of Technology you will benefit from:

- Close links with employers, creating recruitment opportunities in the STEM sector
- Better career prospects and earning potential
- Programmes designed and delivered in partnership with employers and Newcastle university
- Learning the specialist skills needed by employers in your region now and in the future
- Learning from lecturers with extensive industry experience for relevant and applicable knowledge and skills in the workplace
- Flexible full time and part time course options to suit your work and life commitments
- Affordable courses to help you achieve the qualifications you are aiming for
- A portfolio of courses delivered at different sites around the North East for ease of travel to your place of study
- Free CPD courses



## How to Apply

All the courses available at the North East Institute of Technology are listed in this guide along with the location they are available.

Simply visit the providing college's website for more information about the course you are interested in, and apply directly to your chosen course.

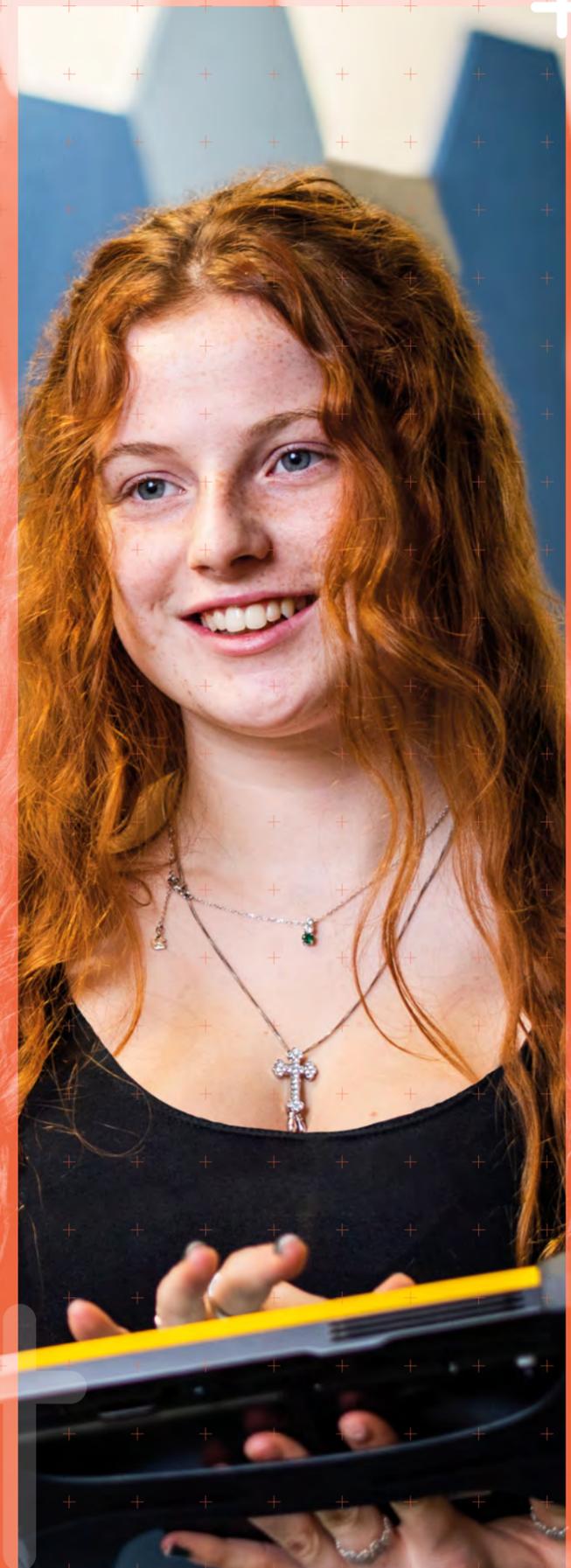


## Employers working with the North East Institute of Technology

The Institute is fully committed to working in close partnership with employers in the region. We work with employers in different ways:

- Designing programmes to fulfil the needs of employers, developing specialist skills required in industry
- Offering training programmes designed to upskill workforces
- Offering apprenticeship programmes working with employers
- Creating a pool of future talent for recruitment
- Offering work placements for the NEIoT students with local employers

If you would like to work with the North East Institute of Technology please contact us on [neiot@newdur.ac.uk](mailto:neiot@newdur.ac.uk)



# About Institutes of Technology

Institutes of Technology (IoTs) are unique collaborations between existing further education colleges, universities, and leading employers.

Underpinned by £290 million of government investment to fund industry-standard facilities and equipment, IoTs represent an exciting new model for skills delivery.

Focused on strengthening higher technical education, each IoT delivers courses in one or more technical specialisms, providing learners with a route into STEM-based occupations such as automotive engineering, cyber security, agri-tech, aerospace, healthcare and lab science.

Employers can be confident that people studying at an IoT are gaining the skills needed now and in the future. Through our partnerships, we are embracing new technologies, pedagogies and research, which we share across the Institute of Technology Network.

An additional nine IoTs are in development and will be a welcome addition to the Network. The IoT Network will include over 70 colleges, 30 universities and 100 employers.

**“Institutes of Technology represent the height of technical training. By uniquely bringing together further education colleges, universities and businesses, they ensure people can get the skills they need to progress into higher-skill, higher-wage jobs, and that employers get the talented workforce they need to thrive.”**

Minister for Higher and Further Education



## SUPPORTING PRODUCTIVITY

As employer-focused institutions, we are at the forefront of technical education and training. We are also committed to identifying future skills needs, supporting progress by working with national centres of innovation, and ensuring that new and existing staff can solve problems and effect change.

## INCREASING OPPORTUNITY

We deliver a range of courses (including T-levels and Bachelor's degrees) but specialise in higher technical qualifications and higher apprenticeships. We are dedicated to widening opportunities in higher education by offering flexible and affordable qualifications to adults of all ages. We are also committed to addressing the lack of diversity in some parts of the STEM workforce.

## SERVING COMMUNITIES

We are strongly anchored in our regions, working closely with local employers, business organisations, schools and community groups. But we are also outward-looking and operate as a highly collaborative, national network to share ideas and expertise.

# Course listings

To find out more, or to apply for any of these courses, please visit the colleges' websites:

newdur.ac.uk      tynecoast.ac.uk  
 mbro.ac.uk      nacollege.ac.uk  
 eastdurham.ac.uk      sunderlandcollege.ac.uk



## NEIoT Courses

Level	Programme	Provider(s)
<b>Business and Management</b>		
3	T Level in Team Leadership and Management	New College Durham
5	FdA Business and Management	Middlesbrough College, New College Durham
5	FdA Housing and Community Studies	New College Durham
5	Diploma in Human Resource Management	New College Durham
5	Diploma Management and Leadership	Middlesbrough College, New College Durham, Tyne Coast College
5	Associate Diploma in People Management	New College Durham
6	BA (Hons) Business and Management (Top-up)	Middlesbrough College
6	BA (Hons) Management (Top-up)	New College Durham
7	Advanced Diploma in Strategic People Management	New College Durham
7	Diploma in Strategic Management and Leadership Practice	New College Durham
7	MA Strategic Leadership and Management	New College Durham
<b>Construction and Building Services</b>		
3	Access to HE Diploma in Construction and the Built Environment	Middlesbrough College
3	Diploma in Construction and the Built Environment	Middlesbrough College, New College Durham
3	T Level in Brickwork	Middlesbrough College
3	T Level in Building Services Engineering	Sunderland College
3	T Level in Building Services for Engineering (Electro-technical and Engineering)	East Durham College
3	T Level in Building Services for Engineering (Plumbing and Heating Engineering)	East Durham College
3	T Level in Carpentry and Joinery	Middlesbrough College
3	T Level in Civil Engineering	Middlesbrough College, New College Durham
3	T Level in Design, Surveying and Planning for Construction	East Durham College, Middlesbrough College, New College Durham, Sunderland College
3	T Level in Electrotechnical	Middlesbrough College
3	T Level in Heating and Ventilation	Middlesbrough College
3	T Level in Plumbing	Middlesbrough College
3	T Level in Plumbing and Heating Engineering	New College Durham
4	HNC Building Services Engineering	Middlesbrough College, New College Durham

## NEIoT Courses

Level	Programme	Provider(s)
<b>Construction and Building Services</b>		
4	HNC Civil Engineering	Middlesbrough College, New College Durham
4	HNC Construction and the Built Environment	Middlesbrough College, New College Durham, Sunderland College
5	HND Building Services Engineering	Middlesbrough College, New College Durham
5	HND Civil Engineering	Middlesbrough College, New College Durham
5	HND Construction and the Built Environment	Middlesbrough College, New College Durham, Sunderland College
5	HND Construction Management	Middlesbrough College
<b>Computing and Digital</b>		
3	Foundation Diploma in Computer Science and Software Development	Tyne Coast College
3	Extended Diploma in Computer Science and Software Development	Tyne Coast College
3	Foundation Diploma in IT	Middlesbrough College, Tyne Coast College
3	Extended Diploma in IT	Middlesbrough College, Tyne Coast College
3	T Level in Data Technician	New College Durham
3	T Level in Digital Business Services	East Durham College, Middlesbrough College, New College Durham
3	T Level in Digital Production, Design and Development	East Durham College, Middlesbrough College, New College Durham, Sunderland College
3	T Level in Digital Support Services	Middlesbrough College, New College Durham
3	T Level in Digital Infrastructure	New College Durham
4	HNC in Computing (Network Engineering)	Middlesbrough College
4	HNC in Computing (Software Developer)	Middlesbrough College
4	HNC in Computing	Middlesbrough College, Sunderland College, Tyne Coast College
4	HNC in Creative Media in Games Design and VFX	Sunderland College
4	HNC in IT	Tyne Coast College
5	HND in Computing	Sunderland College
5	HND in Computing (Network Engineering)	Middlesbrough College
5	HND in Computing (Software Developer)	Middlesbrough College
5	HND in Creative Media in Games Design and VFX	Sunderland College
5	FdSc Cyber Security	New College Durham
5	FdSc Business Computing	New College Durham
5	FdA Games Design	Middlesbrough College
5	FdSc Software Development	New College Durham
6	BSc (Hons) Business Computing (Top-up)	New College Durham
6	BSc (Hons) Computing (Top-up)	Middlesbrough College
6	BSc (Hons) Cyber Security (Top-up)	New College Durham
6	BA (Hons) Games Design (Top-up)	Middlesbrough College

## NEIoT Courses

Level	Programme	Provider(s)
<b>Engineering</b>		
3	Access to HE Engineering	Middlesbrough College, Sunderland College
3	Diploma in Advanced Manufacturing	Middlesbrough College, Sunderland College, Tyne Coast College
3	Advanced Manufacturing Engineering (Electrical/Electronic)	Middlesbrough College, New College Durham
3	Advanced Manufacturing Engineering (Mechanical)	Middlesbrough College, New College Durham
3	Diploma in Electrical/Electronic Engineering	Middlesbrough College, Tyne Coast College
3	Diploma in Engineering	East Durham College, Middlesbrough College, Sunderland College, Tyne Coast College
3	Diploma in Engineering Technologies	Middlesbrough College, New College Durham, Sunderland College
3	Diploma in Machining	Tyne Coast College
3	Diploma in Manufacturing Engineering	Tyne Coast College
3	Diploma in Mechanical Engineering	Middlesbrough College, Tyne Coast College
3	Diploma in Operations and Maintenance Engineering	Tyne Coast College
3	T Level in Engineering, Manufacturing, Processing and Control	Sunderland College
3	T Level in Maintenance, Installation and Repair for Engineering and Manufacturing	Sunderland College
3	T Level in Maintenance, Installation and Repair (Electrical and Electronic Engineering)	Middlesbrough College
3	T Level in Maintenance, Installation and Repair (Control and Instrumentation)	Middlesbrough College
3	T Level in Maintenance, Installation and Repair (Mechatronic)	Middlesbrough College
3	T Level in Maintenance, Installation and Repair (Mechanical)	Middlesbrough College
3	T Level in Maintenance, Installation and Repair (Light and Electric Vehicle)	East Durham College, Middlesbrough College
3	T Level in Motor Vehicle	New College Durham
3	T Level in Design and Development (Electrical and Electronic Engineering)	Middlesbrough College, New College Durham
3	T Level in Design and Development (Control and Instrumentation)	Middlesbrough College
3	T Level in Design and Development (Mechanical)	Middlesbrough College, New College Durham
3	T level in Manufacturing, Processing and Control (Fitting assembly technologies)	East Durham College, Middlesbrough College
3	T level in Manufacturing, Processing and Control (Machining and Toolmaking)	Middlesbrough College
3	T level in Manufacturing, Processing and Control (Fabrication and Welding Technologies)	East Durham College
4	HNC Engineering	East Durham College, Middlesbrough College, New College Durham, Sunderland College, Tyne Coast College
4	HNC Engineering Maintenance	New College Durham
4	HNC Electrical/Electronic Engineering	East Durham College, Middlesbrough College, New College Durham, Sunderland College, Tyne Coast College

## NEIoT Courses

Level	Programme	Provider(s)
<b>Engineering</b>		
4	HNC Manufacturing Engineering	Middlesbrough College, Tyne Coast College
4	HNC Mechanical Engineering	East Durham College, Middlesbrough College, New College Durham, Tyne Coast College
4	HNC Operations Engineering	Middlesbrough College
5	HND Electrical and Electronic Engineering	Middlesbrough College, New College Durham, Sunderland College, Tyne Coast College
5	HND Engineering	Middlesbrough College, Sunderland College, Tyne Coast College
5	HND Manufacturing Engineering	East Durham College, Middlesbrough College, New College Durham
5	HND Mechanical Engineering	Middlesbrough College, Tyne Coast College
5	HND Operations Engineering	Middlesbrough College
5	FdSc Engineering Manufacturing	New College Durham
5	FdSc Power Engineering	Tyne Coast College
6	BEng (Hons) Electrical and Electronic Engineering (Top-up)	Middlesbrough College
6	BEng (Hons) Manufacturing Engineering (Top-up)	Middlesbrough College
6	BEng (Hons) Mechanical Engineering (Top-up)	Middlesbrough College
6	BEng (Hons) Operations (Top-up)	Middlesbrough College

## NEIoT Apprenticeships



Level	Programme	Provider(s)
3	Advanced Apprenticeship Engineering Technician (Mechatronics Maintenance)	New College Durham
3	Building Services Design Technician	Middlesbrough College
3	Civil Engineering Technician	Middlesbrough College, New College Durham
3	Construction Technical, Contracting Operations	New College Durham
3	Data Technician	Middlesbrough College
3	Digital Marketer	Middlesbrough College, New College Durham, Sunderland College
3	Engineering Design and Draughtsperson (Mechanical/Electrical/Structural routes offered)	Middlesbrough College
3	Engineering Fitter	Middlesbrough College, Sunderland College
3	Engineering Manufacture, Engineering Maintenance	New College Durham
3	Engineering Manufacture, Engineering Technical Support	New College Durham
3	Engineering Manufacture, Mechanical Manufacturing	New College Durham
3	Engineering Technician	East Durham College, Sunderland College
3	Engineering Technician (Machinist)	Middlesbrough College, New College Durham
3	Engineering Technician (Technical Support)	Middlesbrough College, New College Durham
3	Engineering Technician (Mechatronics Maintenance)	Middlesbrough College, NA College, New College Durham
3	Engineering Technician (Product Design and Development)	Middlesbrough College

## NEIoT Apprenticeships



Level	Programme	Provider(s)
3	Engineering Technician (Toolmaker)	Middlesbrough College
3	Improvement Technician	NA College
3	Information Communications Technician	Middlesbrough College, New College Durham, Sunderland College
3	HR Support	New College Durham
3	Junior Content Producer	Middlesbrough College
3	Kaizen	NA College
3	Installation Electrician / Maintenance Electrician	New College Durham
3	Maintenance and Operations Technician Standard	Middlesbrough College, Tyne Coast College
3	Maintenance Operative Engineering Technician	New College Durham
3	Metal Fabricator	East Durham College, Middlesbrough College, New College Durham, Sunderland College
3	Science Industry Maintenance Technician	Middlesbrough College
3	Science Manufacturing Technician	Middlesbrough College
3	Supply Chain Practitioner	NA College
3	Team Leader / Supervisor	East Durham College, Middlesbrough College, New College Durham
3	Total Production Quality Control (TPQE)	NA College
3	Software Developer	New College Durham
3	Software Development Technician	Middlesbrough College

## NEIoT Higher Apprenticeships



Level	Programme	Provider(s)
4	Construction Design and Build Technician	Middlesbrough College, New College Durham
4	Construction Quantity Surveying Technician	Middlesbrough College, New College Durham
4	Construction Management, Construction Site Supervision	Middlesbrough College, New College Durham
4	Construction Site Engineering Technician	Middlesbrough College
4	Construction Site Supervisor	Middlesbrough College, New College Durham
4	Cyber Security Technologist	New College Durham
4	Data Analyst	New College Durham
4	Digital Analyst	Sunderland College
4	Engineering Manufacturing Technician	Middlesbrough College, Sunderland College, Tyne Coast College
4	Improvement Technician	NA College
4	Marketing Executive	Middlesbrough College
4	Network Engineer	Middlesbrough College
4	Project Management	Tyne Coast College
4	Senior Housing and Property Management	New College Durham
4	Software Developer	Middlesbrough College, New College Durham
5	HR Consultant Partner	New College Durham
5	Construction Management, Sustainability	New College Durham
5	Improvement Specialist	NA College
5	Operations / Departmental Manager	East Durham College, Middlesbrough College, New College Durham, Tyne Coast College

## NEIoT Higher Apprenticeships



Level	Programme	Provider(s)
6	BA (Hons) Chartered Manager (Degree Apprenticeship) (Top-up)	New College Durham
6	Improvement Leader	NA College
7	Senior Leader	New College Durham



To find out more, or to apply for any of these courses, please visit the colleges' websites:

- [newdur.ac.uk](http://newdur.ac.uk)
- [mbro.ac.uk](http://mbro.ac.uk)
- [eastdurham.ac.uk](http://eastdurham.ac.uk)
- [tynecoast.ac.uk](http://tynecoast.ac.uk)
- [nacollege.ac.uk](http://nacollege.ac.uk)
- [sunderlandcollege.ac.uk](http://sunderlandcollege.ac.uk)

## New College Durham



At New College Durham, we are the lead educational partner in the North East Institute of Technology. We believe in a partnership approach for colleges and employers to provide students with a clear route to employment, and employers with a skilled workforce.

We have a huge range of courses in a wide variety of subjects at levels to suit everyone. The North East Institute of Technology at New College Durham offers a range of vocational courses, apprenticeships and T Levels with a focus on advanced manufacturing and engineering, construction and digital. We also offer free short CPD courses to support continued professional development.

Our friendly and supportive learning environment is a great place to study. Our excellent teaching staff make lessons inspiring, up to date and informative. We have an amazing support network in place to help you achieve your full potential.

We have a great track record in ensuring that our students progress positively to the next stages of their lives. 94% of our further education students secured employment, started an apprenticeship or took their studies higher at college or university.

We work with employers to ensure our course content meets the needs of industry. Our links with local and national businesses mean we can provide quality work placements, guest speakers, workshops and industry visits. We offer relevant educational programmes that develop the skills, behaviours and knowledge that employers really need. We ensure our students are highly employable once they have completed their courses or that we are supporting the professional development, up-skilling or re-skilling that employers need in their workforce.

Our STEM centre is home to the North East Institute of Technology at New College Durham. It's been purpose-built, includes state-of-the-art equipment for advanced manufacturing and the latest technology to deliver built environment programmes. Our students and employer partners can expect to see the benefits of industry standard facilities that will make a real difference to skills development.

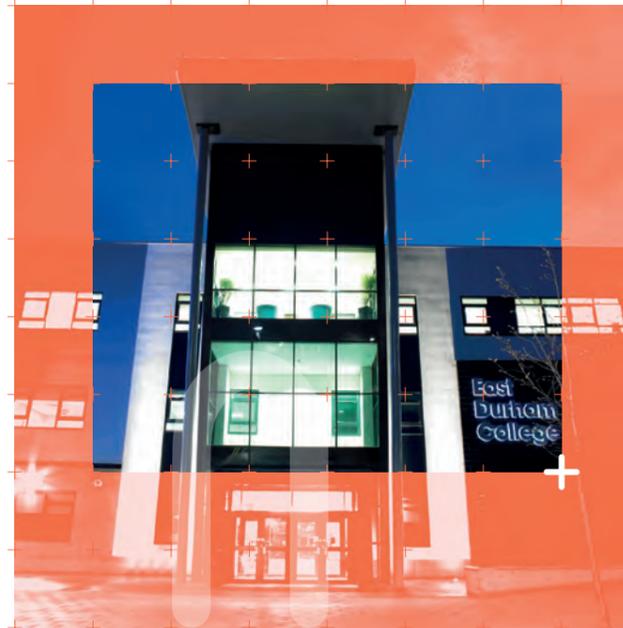
Whatever your career goals or your goals for your workforce, we can help you achieve your potential while giving you life changing experiences and opportunities.

"The North East Institute of Technology gives us the opportunity to engage with employers in a totally different way that takes a collaborative approach across the North East. It sees key employers from the region working with the educational partners for curriculum design so our students gain the skills, behaviours and knowledge employers need. It's about ensuring we meet the skills demands across the whole of the North East. I look forward to welcoming you to our outstanding college and the North East Institute of Technology."

Andy Broadbent  
Principal and Chief Executive

For more information about New College Durham visit [www.newdur.ac.uk](http://www.newdur.ac.uk)

## East Durham College



East Durham College is proud to be part of the NEIoT, an exciting new initiative which focuses on advanced manufacturing and engineering, construction and digital. This unique partnership will ensure our students are provided with the skills which employers in our region desperately need; with students training on the latest advanced equipment they will encounter in the workplace.

We already offer a huge range of courses, covering over 40 subject areas. As well as a wide number of disciplines in construction and engineering at our two sites in Peterlee, EDC also offers specialist land-based provision, including courses such as animal care and agriculture, at our Houghall campus in Durham.

As part of the NEIoT, East Durham College will provide enhanced training through vocational courses, apprenticeships and T Levels in construction and advanced manufacturing to develop the higher level technical skills in our students that employers need in these vital sectors.

The College has heavily invested in developing its industry-standard equipment, facilities and expert training in electric and hybrid vehicles, mechatronics, pneumatics and robotics, as well as the digital skills required for precise food production within agriculture.

In addition to the fantastic facilities and training available, the College provides a range of support services to ensure students have everything they need to succeed. The College offers free bus travel to and from college and for eligible students to their work placement too. There is also a special careers advice service who can help students with everything from job search and their CV to apply to study at university.

The College also has very strong links with industry, working with hundreds of employers to provide everything from work experience, master classes, site visits, even providing real life briefs for students to work on. The College is highly focused on ensuring our students leave us with the employability skills they need to secure a great career.

"With the launch of the North East Institute of Technology, our region is in a better position than ever before to offer high quality digital and technological training to the people of the North East. We are thrilled to be part of the project and we strongly believe that it will bring about exciting new opportunities for both younger and mature students in the North East."

Suzanne Duncan  
Principal and Chief Executive

For more information about East Durham College visit [www.eastdurham.ac.uk](http://www.eastdurham.ac.uk)

## Middlesbrough College



Middlesbrough College is proud to be the sole deliverer of Institute of Technology accredited courses in the Tees Valley.

We offer courses from entry level right up to postgraduate study. Our IoT accredited programmes include vocational courses, apprenticeship, higher education and T Levels in the business, digital, construction and engineering sectors.

Our £20m STEM Centre is a unique and inspirational space, allowing students to learn new skills in a simulated industrial site and gain vital competencies required by the sector. With a focus on hands-on experience, our courses are developed with driving innovation in mind to ensure our students at the forefront of the latest learning and technology.

Our new University Centre Middlesbrough is open! The £3.1m expansion has created the ideal place to work and socialise with new cutting edge, state of the art, modern facilities. This includes bespoke University level study areas, classrooms and tutorial zones.

With industry trained experts developing and delivering training, our aim is to deliver world class training and to shape the skills agenda for the 21st Century.

Our technical courses are built around the detailed needs of top employers such as Jacobs, Wood and British Steel, to name just a few. We continuously collaborate with industry to ensure our students are workplace ready and at the front of the queue for high quality jobs.

Our role in the North East Institute of Technology builds on our pioneering work with the Open University and Pearson UK Ltd, which has provided more accessible, affordable and flexible higher education in the Tees Valley. We are proud to be the only general further education college in the Tees Valley to secure gold status in the Teaching Excellence Standard Framework Awards - a prestigious assessment that puts it in the top 20% of higher education providers in the country.

We are also delivering cutting-edge T Level awards in a range of sector areas. These new 2- year qualifications have been developed in collaboration with employers and businesses so that they meet the needs of industry and prepare students for the workplace. T Levels provide students with the skills, knowledge and experience that they need to open the door to highly skilled employment, higher-level study or an apprenticeship. Students spend 80% of their time in the classroom and 20% of their time in the workplace, putting the skills that they have learnt in the classroom into action.

"We're excited that as a technical training leader, Middlesbrough College will play such an important role in the North East Institute of Technology. This is an opportunity for us to deliver even more industry-focused skills training that meets the needs of employers and provides students with routes into high quality careers in the region and beyond."

Zoe Lewis  
Principal and Chief Executive

For more information about Middlesbrough College visit [www.mbro.ac.uk](http://www.mbro.ac.uk)

## Sunderland College



Sunderland College is a leading provider of education and training in the North East. Studying with us can give you the qualifications, skills, knowledge and experience to make a real difference in the world and achieve your life and career goals.

Students are at the heart of everything we do, and your success and achievements mean the world to us. We will inspire and support you to be the best you can be.

The North East Institute of Technology at Sunderland College offers vocational courses, apprenticeships and T Levels for young people and adults to help them progress into higher level study and technical employment in areas such as Construction and the Built Environment, Advanced Manufacturing and Engineering.

We are continually investing in our facilities to give our students an outstanding learning experience and prepare them for their chosen career.

Our Washington Campus has undergone a major transformation to create purpose-built learning spaces and workshops which feature

state-of-the-art equipment, in addition to the latest VR built environment and CAD software.

This investment, as well as enhancing our exceptional multi-million-pound workshops and facilities at City Campus and cutting-edge innovative learning space at Bede Campus - which includes a 360 degree, fully immersive teaching and learning space - will give you access to a unique learning environment to offer you the skills, experience and knowledge employers demand.

As part of Education Partnership North East, one of the largest college groups in the country, we work with thousands of employers to deliver a career-focused curriculum to produce young people and adults with the skills, knowledge and qualities to meet industry needs.

Our links with local and national businesses such as Nissan, Envision, ZF and Gentoo, mean you will have access to quality work placements, guest speakers, workshops and industry visits. You have the potential to be amazing, let's make it happen!

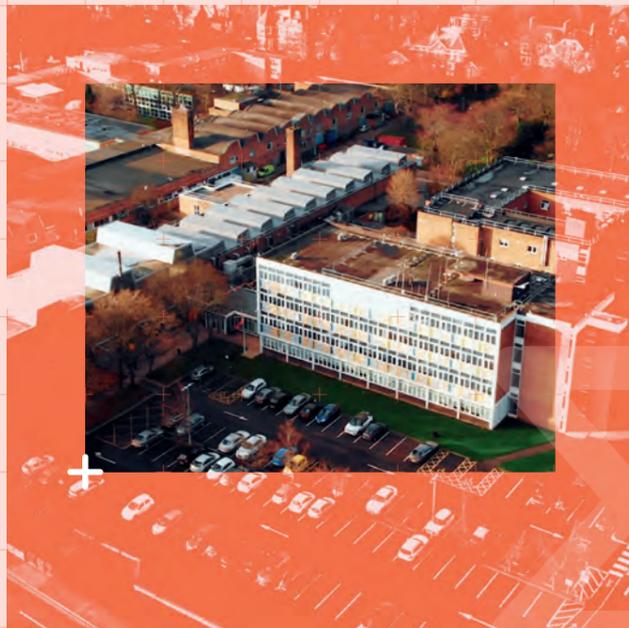
"We are proud to support the new North East Institute of Technology. It is a fantastic initiative which complements our current courses and programmes while strengthening our links with North East industry.

"The amazing industry standard facilities and equipment on offer through the Institute will be an invaluable resource in providing our students and Apprentices with the specialist skills and knowledge to build a successful career."

Warick Stephenson  
Associate Principal for Technical

For more information about Sunderland College visit [www.sunderlandcollege.ac.uk](http://www.sunderlandcollege.ac.uk)

## Tyne Coast College



Tyne Coast College offers a new and exciting vision for education and training in the North East.

Our diverse and innovative vocationally-driven curriculum, close links to employers and ambition to deliver outstanding provision, puts students on a clear course to academic attainment and career success.

Created from the merger of South Tyneside College, South Shields Marine School, Queen Alexandra Sixth Form College and Tyne Metropolitan College, our diverse range of educational programmes are aligned to the skills needs of the region and strongly support economic growth and prosperity.

Our guiding vision is to cut down barriers to education and provide equality of opportunity and outstanding education to all, regardless of geographic or demographic boundaries.

Working from key campuses and locations, north and south of the Tyne, we offer students an almost unlimited range of vocational and technical qualifications,

as well as an outstanding framework of A Levels.

This is why Tyne Coast College is proud to be part of the North East Institute of Technology, offering students an unique experience in a range of vocational courses and apprenticeships with a curriculum specific focus on engineering, digital, mechanics and advanced manufacturing. The IoT offers the opportunity for us to work closely with employers and engage with other colleges in a collaborative approach across the North East.

Tyne Coast College also boasts its own multi-academy trust, Tyne Coast Academy Trust which supports a range of primary and secondary schools region-wide including North East Futures UTC, located in Newcastle city centre. The UTC specialises in vocational led education for students aged 14 and over in health, science and digital, preparing students for the world of work through a tailored unique insight into the STEM industries.

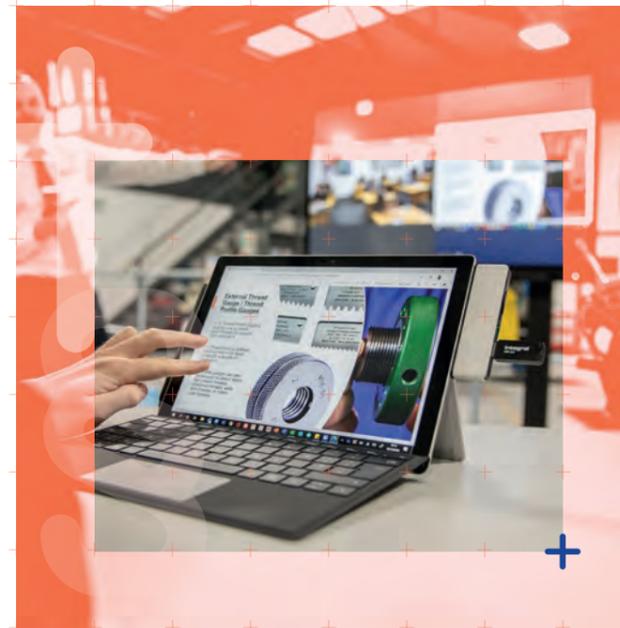
"Working with the North East Institute of Technology offers an unique and combined approach to the training of young people in areas with skills shortages, such as advanced manufacturing and engineering.

The initiative aids our delivery of employer-driven programmes in these sectors, helping us provide students with key skills and knowledge to build a better future and a successful career."

Dr Lindsey Whiterod CBE  
Chief Executive

For more information about Tyne Coast College visit [www.tynecoast.ac.uk](http://www.tynecoast.ac.uk)

## NA College



NA College is a forward-thinking training provider with a state-of-the-art campus situated in Washington, South Tyneside. We are proud to be working as a key stakeholder in the regional higher and technical skills strategy as well as a delivery partner in the North East Institute of Technology.

Our courses range from functional skills, combatting the region's lower levels of maths and English qualifications, to highly respected apprenticeship and vocational skills programmes specialising in advanced manufacturing and engineering. The industry-led training we offer supports roles in a variety of sectors, whether they be in business administration or warehousing, and ultimately aims to develop learners' confidence in their capabilities to ensure occupational success.

It is our sole focus to deliver 'reality education' - a concept that uses cutting-edge facilities to prepare learners entirely for the reality of the workplace. By utilising innovative simulated working environments, we help them to embed the skills, knowledge and behaviours required by employers whilst gaining workplace-ready qualifications.

Embracing technology is at the heart of what we do and our investment in industry-standard technological facilities enables learners to gain valuable experience practising workplace techniques. The digital development of resources such as our Immersive Suite, Virtual Reality activities and interactive e-learning content ensures that they are prepared for the world of tomorrow and that disadvantage is not a barrier to a prosperous career.

NA College also work in partnership with leading employers such as Nissan Motor Manufacturing (U.K.) Ltd and Vantec Europe Ltd providing opportunities to connect the workplace with the classroom and enhance the overall learner experience.

Career prospects are extremely important to us, whether that be helping learners into their chosen careers or aiding their progression within their already-appointed roles. Following the End Point Assessment for our Level 4 Improvement Practitioner course, we received a 100% pass rate with 80% of apprentices achieving a Distinction or Merit. This allowed for the achievement of an estimated £50,000 per annum in business cost savings for one learner's work-based project, showcasing the benefits for both businesses and learners' careers as we continue to support their journeys.

"It is clearly evident that staff are committed to ensuring that the learners are 'at the heart of what they do', with emphasis placed on helping them to achieve their qualifications and progress within their careers, whether it be face to face or online", Matrix Standard.

For more information about NA College visit [www.nacollege.ac.uk](http://www.nacollege.ac.uk)

## Newcastle University



Newcastle University is a leading provider of Higher Education courses in the North East and is strongly supportive of the North East Institute of Technology. It will change the higher education and skills landscape in the region by linking employer needs for highly skilled individuals with the best quality teaching and learning, informed by world class, cutting edge research. We offer a range of higher level degrees in engineering subjects which complement the courses offered by the North East Institute of Technology.

For more information visit [www.ncl.ac.uk/undergraduate/subjects/engineering/](http://www.ncl.ac.uk/undergraduate/subjects/engineering/)

Institute of Technology students will be able to take advantage of our state-of-the-art research facilities at Newcastle University, developing stronger links with the University necessary for the engagement in Higher Education courses and research-oriented projects.

To facilitate the pipeline of students and projects coming to the University we provide:

- Lectures on the latest advances in manufacturing research
- Access to 3D printing and design laboratories to support teaching
- Preferential access to manufacturing and measurement research facilities for short term projects
- Work placements in our laboratories shadowing technical and research staff

For more information about Newcastle University visit [www.ncl.ac.uk](http://www.ncl.ac.uk)



## Esh Group



Esh Group is one of the region's leading privately-owned construction, development, and property services businesses employing over 700 people across two regional offices in Durham and Leeds.

Esh Construction, the Group's main trading arm, has a proven delivery record throughout the North East and Teesside, Yorkshire and the Humber providing a wide range of public and private sector clients with contracting services in civil engineering, commercial build, affordable housing, refurbishment, and facilities management.

We are an award-winning and socially responsible organisation, committed to delivering maximum social and economic benefit for our clients and their communities. This includes providing curriculum support to local schools, colleges and universities, work experience, apprenticeships and internships.

Esh Group is proud to be part of the North East Institute of Technology, a unique collaboration which brings together further education and some of the region's leading employers to give our young people the skills they need to succeed and set them on a clear path to high skilled, highly paid employment.

As the Construction business lead, we look forward to passing on our industry knowledge, our own cultural values and help shape the curriculum for the workforce of tomorrow.

For more information about Esh Group visit [www.eshgroup.co.uk](http://www.eshgroup.co.uk)



## Nissan UK



Nissan Motor Manufacturing UK - Sunderland Plant is the jewel in the crown of Nissan's manufacturing presence in Europe. As one of Britain's largest car production plants of all time, and the fastest car plant in UK automotive history to reach the million mark with one model, the Qashqai, Nissan Sunderland Plant is a record-breaking facility.

Nissan has a rich history of car production in the UK. With 6,000 team members and in excess of 10 million cars produced since the first Nissan Bluebird rolled off the line in 1986, more than £4bn has been invested in its development.

The production process begins in the Press Shop, then the plant splits into two lines as vehicles enter the welding process in the Body Shop before going through the Paint Shop and finally into the Trim and Chassis (Final Assembly) shops.

Since our first intake in 1986, the plant has gone on to hire just over 1800 apprentices of which many now hold key roles within Nissan globally.

Including heading up our own Engineering team here in Sunderland to leading Nissan's manufacturing operations in North America.

During this time our offering has also continued to grow and we currently have apprentices working in various areas across the plant from Maintenance and Manufacturing to Admin and Quality Assurance.

The success of the plant's scheme also speaks for itself and in 2019 Nissan was awarded an outstanding by Ofsted.

As an active graduate recruiter, Nissan also takes on graduates and placement students in areas including Purchasing, Engineering, Quality Assurance, ISD and Human Resources.

The plant is also home to the Nissan Skills Foundation, the company's award winning schools engagement activity. The Foundation uses everything from motorsports to electric vehicles to inspire children about careers in manufacturing and engineering, with over 60,000 children taking part since it was established in 2013.

Nissan Motor Manufacturing UK is pleased to be a leading partner in the North East Institute of Technology initiative which will not only help to provide higher level skills for manufacturing companies, but also to inspire people of all ages to invest in their own skills and knowledge. Working with our partners in industry, business and education, our aim is to increase productivity, improve competitiveness and future proof the skills offering in our region. The Institute of Technology will be at the heart of a new skills revolution on the North East.

For more information about Nissan visit [www.nissan.co.uk](http://www.nissan.co.uk)



Technical.  
Skills.  
Work.



NORTH EAST

I	N	S	T	I	T	U	T	E	OF
T	E	C	H	N	O	L	O	G	Y

