



Part of Middlesbrough College

Engineering Event

Reform Information



Just so you are aware, the government are making changes to some of the qualifications that Colleges offer.

This is to help make it simpler to pick a course that matches your future job or university plans, by replacing older courses with a smaller number of options.

We are introducing new qualifications under the guidance of the Government. Meaning we might have some new courses added later in the year. Don't worry though, we will keep you updated and you can choose what you do at enrolment!

If you receive a conditional offer from us for a course areas and we change the qualification type, we will let you know but your offer will still remain with us.

Entry Requirements

Level	Entry Requirements	GCSE Resits
Level 2	At least a grade 3 in GCSE English language, maths and science.	Learners who have not achieved Grade 4 or above in GCSE English language and/or maths will have these subjects added to their timetable.
Level 3	At least four GCSEs at Grade 4 or above, including English language, maths and science.	
T Level	At least five GCSEs at Grade 5 or above, including English language, maths and science.	You can't resit GCSE Math and/or English when studying a T Level

Entry requirements can be found on our website and are subject to change without prior notice so please review these before coming to enrol.

Level 2 Diploma in Engineering (Mechanical)

Delivery Model:

20% of the time in College is in the workshops completing practical activities. 80% Theory in classroom.

How am I assessed?

- Practical Skills Test
- Portfolio of evidence
- Assignments
- Exams

What will I study?

Modules *may* include:

- Working in an Engineering Environment
- Engineering Mathematics and Science Principles
- Electrical and Electronic Principles
- Computer Aided Design (CAD)

Progression:

T Level in Engineering in Mechanical, Mechatronics or Design and Development.

GCSE Maths and English:

You'll need to attend GCSE classes weekly if you didn't get at least a Grade 4

Level 2 Diploma in Engineering (Mechanical)

Unit	Mandatory Units	GLH
1	Working in an Engineering Environment	60
Mandatory Units total GLH		60
Optional specialist units		
3	Engineering Mathematics and Science Principles	60
8	Computer Aided Design (CAD)	90
9	Electrical and Electronic Principles	50
13	Engineering Maintenance Safety Practices	50
16	Plan and Carry out a Project in Engineering	50
18	Engineering Design Techniques	50
Optional Units total GLH		350
Total GLH		410

Advanced Manufacturing Engineering (General) – Level 3

What will I study?

- Electrical Machines
- Maintenance of Mechanical Systems
- Engineering Principles
- Safety in Engineering
- Engineering Product Design
- Manufacture
- Quality in Engineering
- Pneumatics
- Hydraulics
- CAD

How will I be assessed?

You will be assessed internally through assignments and tasks and externally by examination, needs changing to.

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What can I do next?

This qualification will provide you with a range of transferable skills so that you can progress onto a range of University courses. You can also progress into an apprenticeship or employment.

Good to know

You will gain relevant skills and knowledge from studying a range of content focused on electrical/electronic and mechanical disciplines.

Advanced Manufacturing Engineering (Process) – Level 3



What will I study?

Year 1

- Health & Safety
- Hydraulics
- Electrical Principles
- Process Measurement and Control
- Maths for Technicians
- Fault Tracing
- Engineering Measurement
- Programmable Logic Controllers (PLC's)

How will I be assessed?

All assessments are by way of internally set assignments or time constrained tests per module.

What can I do next?

This qualification will provide you with a range of transferable skills so that you can progress onto a range of University courses.

Good to know

In Year 2 you will study:

- Installation and Commissioning
- Electronic Devices and Circuits
- Mechanical Principals
- Further Maths

Diploma in Mechanical Engineering Level 3

What will I study?

- Applications of Mechanical Systems in Engineering
- Health and Safety in the Engineering Workplace
- Communications for Engineering Technicians
- Mathematics for Engineering Technicians
- Mechanical Principles and Applications
- Engineering Drawing for Technicians
- Principles and Applications of Fluid Mechanics and Thermodynamics

What can I do next?

This qualification will provide you with a range of transferable skills so that you can progress onto an Apprenticeship, Further Education or Employment (semi-skilled).

How will I be assessed?

You will be assessed through observation (with appropriate witness testimony), short online testing and on-going assignments.

Good to know

You will work in our wide range of modern workshops to improve their your set and have access to our TTE Training Centres to gain additional employability skills.

BTEC Course Assignments

Sept – Feb

Health & Safety
(5 Assignments)

Mechanical Systems
(4 Assignments)

Maths
(4 Assignments)

13 Assignments in 16 weeks

Feb – June

CAD
(4 Assignments)

Comms
(4 Assignments)

Materials
(3 Assignments)

11 Assignments in 16 weeks

Example Timetable - Vocational

1 – Core Qualification	2 – GCSE Resits
3 – Work Placement	4 – Thrive Personal Development

	Monday	Tuesday	Wednesday	Thursday	Friday
8am					
9am					
10am					
11am					
12am					
1pm					
2pm					
3pm					
4pm					
5pm					
6pm					

T-Level

What is a T Level?

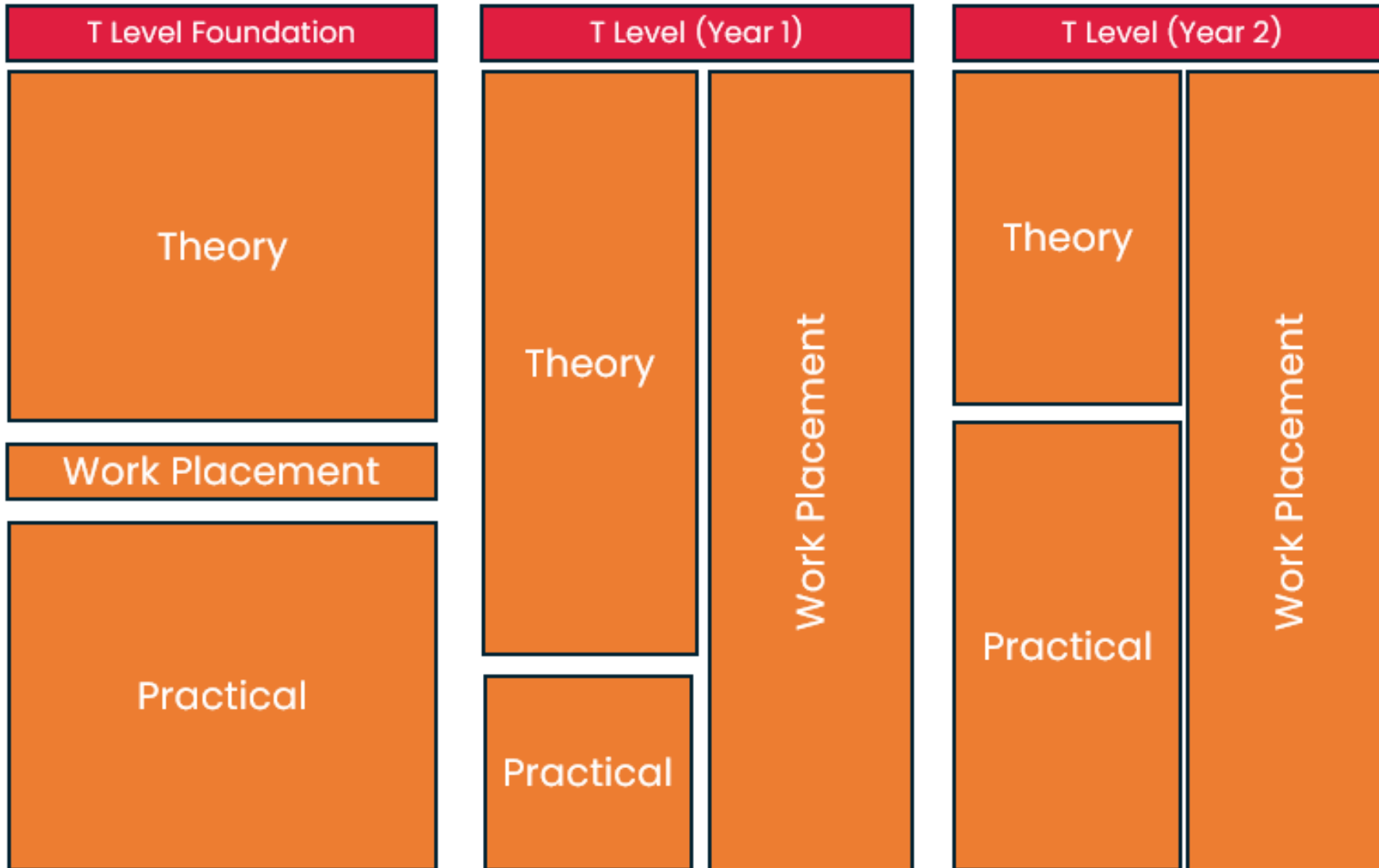
T Levels are 2-year courses that teach you job skills. They're the same as doing 3 A Levels. Local employers help design them, so you learn what real jobs need. This will help you get a job, go to university, or start an apprenticeship. You'll spend around 80% of your time in class and 20% at a company placement – each course includes at least 45 days of work experience with a company.

How are T Levels marked?

You'll be assessed through hands-on projects, tasks set by employers, and exams.

T Level – Including Foundation Year

Level 3 T Level Qualification Options (2 or 3 Years)



Design and Development (Mechanical) – T Level

What will I study?

The qualification is made up of two components, which you will need to compete to achieve the T Level in Engineering and Manufacturing. These are known as the Engineering Common Core and the Occupational Specialism.

- Customer and client requirements
- Principles of design
- Design processes
- Communication in design

How will I be assessed?

Engineering and Manufacturing core: Assessed by two externally set and marked exams and an employer set project.

Occupational Specialisms: Assessed by a practical assignment for each occupational specialisms.

What can I do next?

You can enter the industry through employment or as an Apprentice, or progress to further education at University.

Good to know

This technical qualification focuses on developing the knowledge and skills needed for working in the Engineering industry, preparing you to enter the industry through employment or as an Apprentice.

Maintenance, Installation and Repair (Mechatronics) – T Level



What will I study?

You will cover a range of topics, such as:

- Maintenance, installation and repair requirements
- Fault detection and diagnosis
- Isolation and resolution methods
- Communication for maintenance, installation and repair activities

What can I do next?

You can enter the industry through employment or as an Apprentice, or progress onto higher education at University.

How will I be assessed?

Engineering and Manufacturing core: Assessed by two externally set and marked exams and an employer set project.

Occupational Specialisms: Assessed by a practical assignment for your chosen occupational specialism, in this case the Maintenance, Inspection and Repair of Electrical and Electronic systems.

Good to know

All full time students will be offered a number of options to secure at least 10 days of meaningful work experience during the year.

Maintenance, Installation and Repair (Mechanical) – T Level

What will I study?

- Maintenance, installation and repair requirements
- Fault detection and diagnosis
- Isolation and resolution methods
- Communication for maintenance, installation and repair activities

What can I do next?

You can enter the industry through employment or as an Apprentice, or progress to further education at University.

How will I be assessed?

Engineering and Manufacturing core: Assessed by two externally set and marked exams and an employer set project.

Occupational Specialisms: Assessed by a practical assignment for each occupational specialisms.

Good to know

You can also gain employability skills in health and safety, permits to work, risk assessments working at heights and confined spaces.

Work Placements

Placement Providers

RJS LASER LTD	Exolum	EDF Energy Nuclear Generation Limited	Teesside start parts
Paragon Rapid Technologies Ltd	Tees Valley Machining Ltd	BC & T Consultants	TT Industrial
Teesside Karting	Navigator Terminals Limited	Marske Fabrication & Engineering Ltd	AV Dawson Ltd
MAN Truck & Bus	RAMP UK LTD	Lianhetech (Previously Fine Organics)	Truckfix
Statera Energy North Power Ltd	Northern Handling Systems Ltd	Civil & Marine Limited	RAPS Growers Ltd
African Adventures	V-Lab ltd	C2 Electrical Solutions Ltd	Titan Fabrications



SPORTS ACADEMIES

Launched in 2012, MC ELITE (Elite Level Institute of Training & Excellence) is where precision meets power, strategy meets strength, and ambition meets performance.

Built for dedicated, high-potential athletes, it delivers prestigious, top-level coaching, industry-leading facilities and a performance-focused mindset.



- \ Basketball
- \ Cricket
- \ Esports
- \ Men's Football
- \ Women's Football
- \ Golf
- \ Gymnastics
- \ Swimming
- \ Volleyball

BORO X MC ELITE

We are proud to partner with Middlesbrough FC, offering Men's U19 and Women's U19 pathways that help create future pathways into football, higher education and employment!



ELITE
MINDS.

ELITE
PERFORMANCE.

ELITE
FUTURES.

You don't need
to be doing a
sports course to join
one of our sports
academies!



STUDENT PERKS

TRAVEL



TRAVEL

SHUTTLE BUS

TRAIN

FINANCIAL HELP



FREE Wi-Fi, £5 printing credit and subsidised stationery costs



FREE student parking
Subject to availability.



10% discount on great food



20% discount on hair and beauty treatments, plus a free haircut in your first term!



College gym membership for just a one-off £10 fee!



FREE* college meals
**If you currently receive free school meals, this could continue at college.*



Conditional Offers

Conditions of your offer include:

- ❑ **Getting the grades you need for your course/subjects**
Entry requirements can be found on our website and are subject to change without prior notice so please review these before coming to enrol.
- ❑ **Approval from our Learning Support or Safeguarding Teams (if required)**
Some extra checks may still need to be completed behind the scenes – but, if anything changes regarding your application, they will contact you directly.
- ❑ **Fully enrol during our Main Enrolment period (19th and 27th August)**
19th – 23rd August is used for priority enrolment appointments, so please make sure you are available on these dates as a minimum, but we advise not being away for main enrolment.
- ❑ **Places on your course being available at Enrolment**
Even if you've got an offer, your place on the course isn't confirmed until you enrol. Some courses fill up fast – especially in the first few days of enrolment!

Additional Learning Support



Our friendly teams can help you with your learning.

If you have declared an EHCP:

We might pause your application while The SEN Team speak to your local council to check your plan.

We may also contact you to book an appointment with one of our ALS team leaders.

Do you have SEN support at school?

Ask your school SENCo to share it with us so we can plan the right support for you.

Other support?

The Cube Team will help you with things like exam support (extra time, readers etc), dyslexia checks, tutoring, and study skills. This can all be sorted when you start with us!

For any support queries, contact: sen@mbro.ac.uk

Enrolment

Enrolment (19th – 27th August)

Enrolment is by **appointment only** and is based on offer date/status per application. It is important that you attend your priority enrolment appointment for the best chance of securing your place.

We strongly recommend not going on holiday during our main Enrolment period. Details will be sent during the summer via email and letter.

Enrolment must be **completed in person by the student**, as we do not offer alternative enrolment options.

Important Dates

Please make a note of these dates, and avoid booking holidays on them:

- 19th August: GCSE Results Day
- 19th – 27th August: Main Enrolment

Next Steps

What happens next?

- We will confirm your conditional offer within 10 working days via email and letter
In some cases, extra checks may need to be completed first with our ALS/Safeguarding team which can delay this.

Your next steps – via the applicant page:

- Review the Showcase presentation and find other useful information
- Accept your conditional place
- Book a place on the taster sessions (optional)
- Onsite enrolment (19th – 27th August)



Scan the QR code, or use the link in your offer email and letter to access the applicant page

LAUNCH YOUR CAREER with an Apprenticeship!



Part of Middlesbrough College

What is an apprenticeship?

An apprenticeship is a real job where you:

- ↳ **Earn a wage**
- ↳ **Gain hands-on experience**
- ↳ **Study towards a recognised qualification (usually one day a week at college)**



Apprenticeships available in:

- ↳ **Accountancy**
- ↳ **Beauty**
- ↳ **Business Administration**
- ↳ **Catering and Hospitality**
- ↳ **Childcare, Healthcare and Education**
- ↳ **Construction**
- ↳ **Dental nursing**
- ↳ **Engineering and Manufacturing**
- ↳ **IT, Digital, Marketing and Media**

The current
min wage for an
apprentice is:

£8 /hour
for U19s



Your **CAMPUS**



CONSTRUCTION YARD



LRC



FITNESS STUDIO



MC THEATRE



WATERSIDE BRASSERIE



SPORTS HALL AND
ASTROTURF PITCHES



AIRPLANE MOCK FUSELAGE



HAIR AND BEAUTY SALONS



CAMPUS HEART



HEALTH AND CARE WARD



RECORDING STUDIOS

MODERN Facilities

We are always developing our campus and facilities to support the growth of skills in the Tees Valley.



Electric and Hybrid Motor Vehicle Workshop



State-of-the-art Clinical and Community Care Simulation Suite for Health & Care programmes



Top-spec Esports room



Specialised Welding equipment to meet industry needs



13 new classrooms and workspaces for Construction, Engineering and TTE



State-of-the-art £35m Engineering Technical Training Centre

Financial ASSISTANCE

	Household income		
	<£45,000*	£45,001 – £100,000*	Over £100,000*
Free College Meals (16–18 students / 19–23 with EHCP only)	Eligible for £4 per day if the household is in receipt of a means tested benefit** including Universal Credit		
Bus Travel (Arriva & Stagecoach)	FREE	FREE	£60 per term***
Train Travel****	Reimbursed	Reimbursed	X
MC Bursary (if not receiving Free Meals)	£3 per day ^Δ	X	X
Specialist Equipment	YES	X	X
Mandatory Trips / Visits	YES*****	X	X
UCAS Fee	YES	YES	X
Childcare – Care to Learn (16–19yr old student)	YES	X	X
Childcare – College Funded (20yrs+ student)	YES	X	X

* Earned income plus Universal Credit amount (if applicable)

** Universal Credit / State Pension / Asylum Support

*** Payment due after October half term / after Christmas holidays / after Easter holidays

**** Designated train stations only. Students are required to purchase the 16–17 saver rail card. Tickets must be handed in weekly

***** The bursary fund can only be used to support learning activities and experiences that are clearly mapped to the student's study programme goals or course objectives therefore, each trip award is assessed on an individual basis and is not guaranteed

Δ Bursary paid weekly and based on positive attendance

For further details, please see the Middlesbrough College financial policy located on our website: www.mbro.ac.uk

Around the world **WITH MC**



Careers AND EXPERIENCE

We're not just here to help you succeed in the classroom. We're here to support you in the real-world, too!

CAREERS TEAM

Whether you're aiming for university, an apprenticeship or your dream job, our Careers Team is here to help you with:

- ↳ One-to-one careers guidance
- ↳ CV, job and apprenticeship application support
- ↳ University and UCAS application support
- ↳ Employability skills development
- ↳ Grofar – a smart digital tool to plan and track your work placements and enrichment



WORK PLACEMENTS Stand out from the crowd!

You'll benefit from:

- ↳ Strong links with top local, regional and national employers
- ↳ A dedicated Work Placement Coordinator who'll support you every step of the way and has connections with employers in your chosen industry sector
- ↳ Tailored work placements that fit your course and career goals
- ↳ Travel card support so you can easily get to your work placement
- ↳ Boosted confidence and employability skills



STUDENT SERVICES Here for you



Your wellbeing matters.

That's why our Student Services Team is always on hand to support you!

We offer:

- ↳ Free, confidential counselling
- ↳ Dedicated welfare and safeguarding officers

If you need a hand, we've got your back.

ADDITIONAL LEARNING SUPPORT (ALS)

We are committed to providing a learning environment in which there is equality for all members of our community.



Our specialist services include:

- ↳ Dyslexia / Dyscalculia Support Tutors
- ↳ Extra maths and English support
- ↳ Communication Support Workers for the deaf
- ↳ IT trainers for the visually impaired
- ↳ Specialist Learning Support Assistants to support students with emotional, behavioural and social difficulties or neurodiversity
- ↳ Assistive technology and software resources
- ↳ Special exam arrangements

The ALS Hub is located on the ground floor of the college. Why not come along and check it out?

Why not **SEE IT FOR YOURSELF?**

The best way to experience life at Middlesbrough College and TTE is to visit us at one of our open events.

Explore our industry-standard facilities, meet our expert tutors, discover the courses that interest you, and get a real feel for student life. If you're ready, you can even apply when you visit us!

2026/27 OPEN EVENTS

Thu 1st October 2026

5:15pm – 7:30pm

Wed 7th October 2026

5:15pm – 7:30pm

Sat 7th November 2026

9:30am – 12:00pm

Thu 3rd December 2026

5:15pm – 7:00pm

Wed 20th January 2027

5:15pm – 7:00pm

Wed 10th March 2027

5:15pm – 7:00pm

Thu 6th May 2027

5:15pm – 6:30pm

Tues 15th June 2027

5:15pm – 6:30pm

Apprenticeship Expo

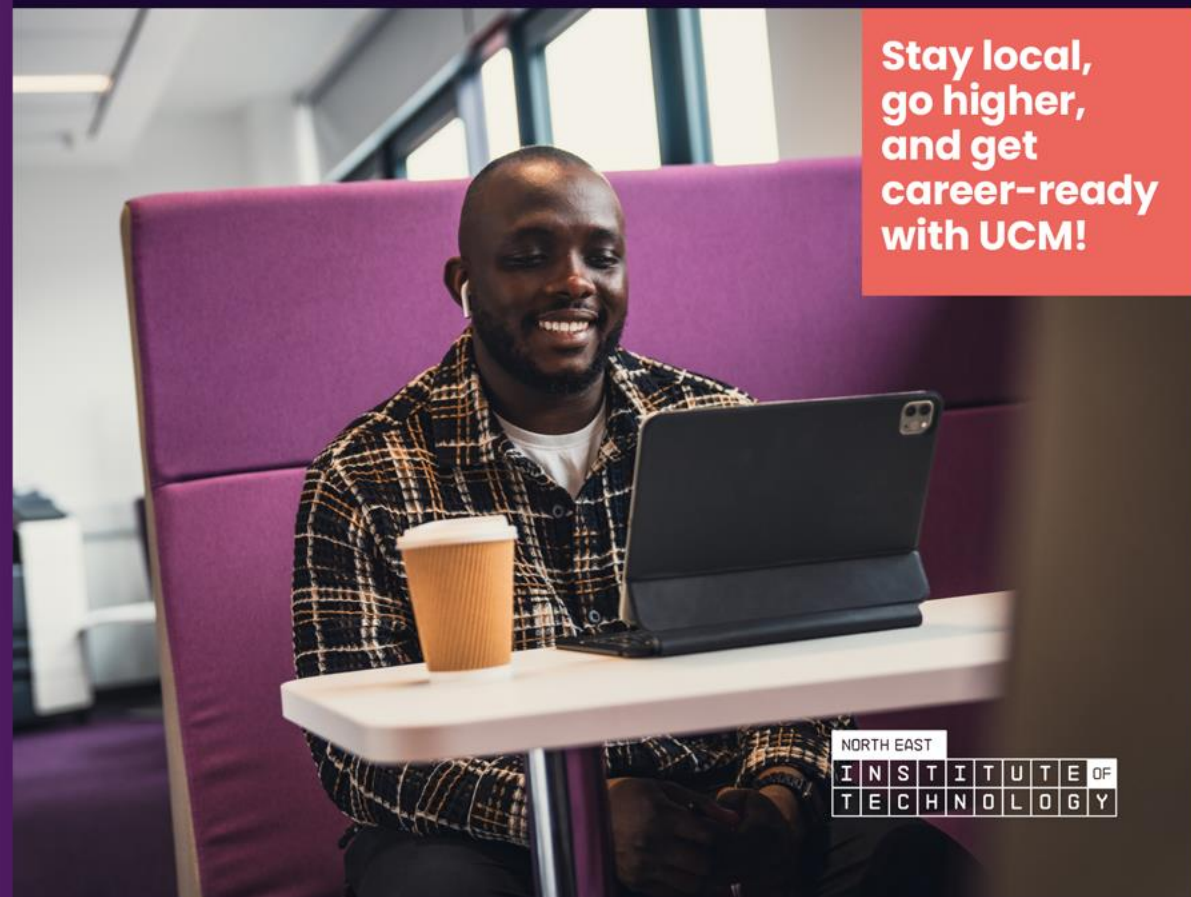
Tue 9th February 2027
4:00pm – 6:00pm

YOU DON'T HAVE TO GO FAR TO GO FURTHER!



At University Centre Middlesbrough you'll find:

- › Career-focused degrees designed in collaboration with employers
- › The chance to gain professional qualifications alongside your degree
- › Smaller class sizes and more one-to-one support
- › A supportive, close-knit community where you're known by name
- › More teaching hours than traditional universities



**Stay local,
go higher,
and get
career-ready
with UCM!**

NORTH EAST
INSTITUTE OF
TECHNOLOGY



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WhatsApp

We are on WhatsApp!
07979 111 313