



# Engineering Showcase



**NORTHERN  
SKILLS**

**M C**  
Middlesbrough  
College Group

**TTE**

# Courses

Within the Engineering Directorate we offer the following courses for students who are 16–18 years old:

- Electrical
- Renewable
- Instrumentation

Middlesbrough College and TTE also offer the following courses:

- Mechanical
- Mechatronics

We also offer part time, Access to HE, Retrain and Higher Education courses within Engineering for adults.

Please note: Due to a recent government review of qualifications, the list of available courses for the academic year starting in September 2025 may not be finalized until December 2024.

We'll provide updates as soon as the review is complete and course offerings for 2025 and beyond are confirmed.

# Entry Requirements

Entry level 3	
Level 1	
Level 2	At least a grade 3 (D) in GCSE maths, English and science
Level 3	An appropriate Level 2 vocational qualification and four GCSEs at grade 4/5 (C) or above that must include maths, English and science
T Level	A minimum of 5 GCSEs at grade 5 and above including, Maths, English and Science

Please note: Entry requirements are correct at time of this showcase but may be subject to change. Please refer to the College website to check the entry requirements prior to enrolment.

# Level 2

## **Courses:**

- Performing Engineering Operations (Renewable Energy)
- Performing Engineering Operations (Electrical)

## **What can I do next?**

These qualifications will provide you with a range of transferable skills so that you can progress onto a Level 3 Study Programme, an Apprenticeship or Employment.

## **What will I study?**

Modules include:

- Working Safely in an Engineering Environment
- Carrying Out Engineering Efficiently
- Using/Communicating Technical Information
- Producing Components
- Maintaining Mechanical Devices and Electrical Equipment / Systems
- Assembling, Wiring and Testing Electrical Panels/Components mounted in enclosures
- Wiring and Testing Electrical Equipment and Circuits

# Level 3

## Courses:

- Electrical and Electronic Engineering
- Instrumentation and Control Engineering
- Diploma in Engineering and Technology (Renewable Energy)

## What can I do next?

Upon successful completion, students can progress to industry as an apprentice in either Electrical, Renewable or Multiskilled Engineering. Higher Education courses are also an option.

## What will I study?

Modules may include:

- Engineering Environment Health and Safety
- Programmable Logic Controls (PLC)
- Installation of Electrical Equipment
- Computer Aided Design Techniques (CAD)
- Electrical Inspection, Testing and Commissioning
- GWO Hydraulics, GWO Mechanical, GWO Electrical - Basic Technical Training (BTT) Level 2 and Level 3 components.\*

\*Renewable

Course

# T Levels

## Courses:

- T Level – Maintenance, Installation and Repair for Engineering and Manufacturing (Electrical and Electronic)
- T Level – Maintenance, Installation and Repair for Engineering and Manufacturing (Control and Instrumentation)

## Future careers:

### **Renewable Energy Technician**

*Average Salary £40,393*

### **Instrumentation Technician**

*Average Salary £40,461*

## What will I study?

You will cover topics 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

### **Process Technician**

*Average Salary £31,087*

### **Electrical Engineer**

*Average Salary £50,000*

# T Level

## What is a T Level?

A T Level is a 2-year, Level 3 Technical qualification which is equivalent to 3 A Levels.

Our T Level courses have been developed in collaboration with employers and businesses to meet the needs of industry and prepare you for work. They provide you with the skills, knowledge and experience you need to open the door to highly skilled employment, higher level study or an apprenticeship.

During your course, you'll spend **80% of your time in the classroom** and 20% of your time in the workplace.

Each T Level course includes 45 days of structured industry placement.

## How are T Levels assessed?

T Levels are assessed through practical employer-set projects, assignments and examinations.

**T-LEVELS**

# 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					



# Example Timetable – T Level

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					

# Uniform, kits & PPE

In your planned workshop sessions, you will be required to wear sufficient PPE (Personal Protective Equipment)

PPE will be provided, free of charge.

## **Where can I get this from?**

We will collect information regarding your uniform and PPE requirements such as shoe size, when you come in to enrol with us, so you don't need to do anything before you start.

## **Will I need the uniform/PPE for my first day?**

No, you don't need it for your first day at TTE.

We will keep you informed of when you will be expected to wear your PPE, this is usually provided to you just before your planned workshop sessions.

# Taster Days

Our friendly Admissions team will contact you with details about the Taster Days and how to book your place!

**Wednesday 26<sup>th</sup> February**

**Tuesday 15<sup>th</sup> April**

**Friday 4<sup>th</sup> July**

**10am - 2pm**

\*Please only book onto **one** session for the academic year.

# What happens next



## Conditional Offers

All offers at Middlesbrough College Group are conditional, subject to:

- Gaining the entry requirements for your chosen course as stated on the College website at point of enrolment
- Completing the full enrolment process in August
- Course places being available at point of enrolment
- Approval from our Additional Learning Support and/or Safeguarding Teams, if required.

## Enrolment

From GCSE Results Day (21<sup>st</sup> August 2025)

Details will be sent to you in the summer which will tell you how and when to enrol and what documents you will need.

We start enrolling from GCSE results day (Thursday 21st August 2025), please ensure you are available to collect your results from your school, to enrol onsite to ensure a place on your course.

Please note if you take holiday during this period and are not able to enrol, we may not be able to guarantee a place on your first-choice course as many of our courses fill up within the first few days of enrolment.

# Offer Acceptance

Want to confirm your offer acceptance?

Scan the QR code using your smartphone and complete the online form to confirm your offer acceptance.

Alternatively, you can email 'ACCEPT' to our friendly Admissions Team on [admissions@mbro.ac.uk](mailto:admissions@mbro.ac.uk) with your full name, date of birth and course name.



# AIM HIGHER WITH OUR **SPORTS ACADEMIES**

**Are you as passionate about sport as you are about your studies?**

Whether your passion lies on the pitch or in the pool, take your skills to the next level with a Sports Academy at Middlesbrough College!

As a top performing College, we are proud to offer specialist top-level coaching, scholarships, and fantastic opportunities to compete in championships and top leagues nationally.

## **Sports Academies:**

- \\ **Basketball**
- \\ **Cricket**
- \\ **Pro 16 Men's Football**
- \\ **Women's Football**
- \\ **Golf**
- \\ **Gymnastics**
- \\ **Rugby**
- \\ **Swimming**
- \\ **Volleyball**

**You don't need to be doing a sports course to take part in one of our sports academies!**



# **Middlesbrough College Group**

## **We are Ofsted Good with Six Outstanding Features**

Behaviour  
and attitudes  
**Outstanding**

Personal  
development  
**Outstanding**

Leadership  
and management  
**Outstanding**

Adult learning  
programmes  
**Outstanding**

Apprenticeships  
**Outstanding**

Provision for learners  
with high needs  
**Outstanding**

**REMEMBER** - Please apply by the end of November to guarantee your place on a course!



## Careers Team



Our dedicated Careers Team can help you make the right decisions on your future career path.

The team are here to help you with everything from University applications to CV support.

## Work Experience

We are here to get you work ready! We have excellent relationships with local, regional and national employers and we are committed to finding you relevant and quality work experience during your time as a student at Middlesbrough College.

## Additional Learning Support

If you have additional needs, we offer a range of support services to help you with:

- Dyslexia
- Dyscalculia
- Maths and English support
- Special exam arrangements
- A range of assistive tools
- and much more

## Our student voice

The Student Voice is here to ensure you have the best College experience possible! We listen to your suggestions and concerns and work with the College Management Team to make positive changes.

Ways to get involved:

- Become a class rep
- Student Ambassadors
- Student Union Executive Team
- Student Governors



# Additional Learning Support

At Middlesbrough College, the dedicated Additional Learning Support Team is committed to providing comprehensive guidance and assistance to students throughout their educational journeys.

If you have an existing Education Health and Care Plan (EHCP), the college's Special Educational Needs (SEN) Team will proactively liaise with the Local Authority on your behalf to initiate the consultation process. This ensures the EHCP details are properly shared and considered, although your application will be placed on hold temporarily during this period as the necessary steps are taken.

Similarly, if you previously received SEN support at school, the SEN Team encourages you to connect with your school's SENCo to have that information transferred over to Middlesbrough College. This allows the college's four SEN Team Leaders, each assigned to specific curriculum areas, to develop a tailored support plan catered to your individual needs and learning style. Your staff link will be **Holly Long**.

The college also has a specialised Cube Team readily available to assist with exam arrangements, dyslexia screenings, academic support services such as tutoring and study skills, and a wealth of other learning resources.

Prospective students and their support networks are strongly advised to reach out to the SEN and/or Cube Teams at the earliest possible stage to ensure a smooth and effective transition into the college. The dedicated staff are committed to going above and beyond to understand your unique circumstances and provide the personalised guidance you need to thrive in your studies.



# Your campus

Our vibrant campus has something for everyone. We have a welcoming, friendly community and there are lots of places to study, learn, meet new friends, and get great food.

We are also extremely proud of our innovative industry-standard facilities that give you everything you need to succeed!



Learning Resource Centre



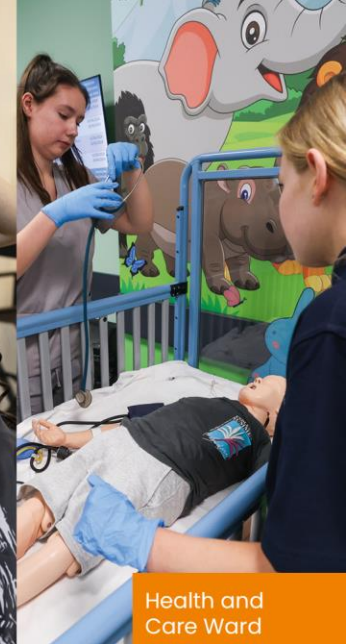
MC Theatre



6 Court Sports Hall and 3G AstroTurf



Hair and Beauty Salons



Health and Care Ward



Recording Studios



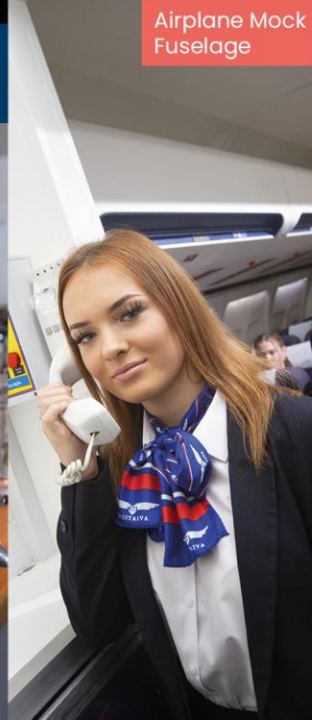
Construction Yard



Fitness Studio



Our Award Winning Training Restaurant, The Waterside Brasserie



Airplane Mock Fuselage



Campus Heart





# University Centre Middlesbrough



Where do you want to go, and who do you want to be?

If you dream of attending University, choose a degree with a difference by continuing your studies at University Centre Middlesbrough.

Our University Centre offers you a practical alternative to the traditional University model where you are able to study University Level qualifications right up to master's level, whilst benefitting from our specialist teaching environments and activities linked to employers and industry.



## Study Higher Education with us in the following subjects

- Business Management
- Computing
- Construction & Civil Engineering
- Education & Childcare
- Engineering
- Games Design
- Health, Wellbeing & Social Care
- Hospitality & Culinary Arts
- Media Makeup, Prosthetics & Hair
- Music, Video & Audiovisual Technology
- Social & Community Studies
- Sport & Fitness
- Travel, Tourism & Aviation



# New Facilities for 2024/25

We are delighted to be developing our campus and facilities to support the growth of skills in the Tees Valley. Ready for September 2024.



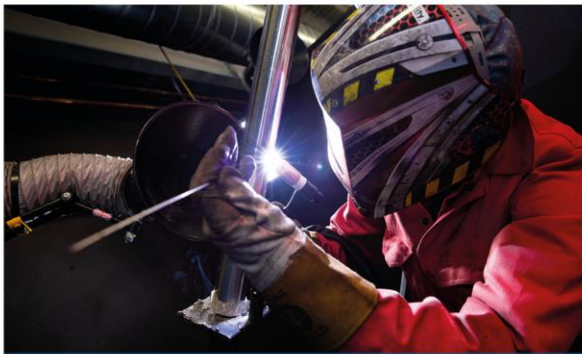
**Electric and Hybrid Motor Vehicle Workshop**



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



**Range of interactive Health & Care medical equipment**



**Specialised Welding equipment to meet industry needs**



**7 new classrooms and works spaces for Construction, Engineering and TTE**



**New state-of-the-art £12m Engineering Technical Training Centre is now open!**



# Our student perks

Studying can be expensive, so that's why we give our students the best student perks!

## Travel



### Travel by Bus

We offer students FREE\* weekday bus travel up to 7pm to and from Middlesbrough College

### MC Mover

A FREE student shuttle bus to and from Middlesbrough Bus Station direct to Middlesbrough College

### Travel by Train

We offer FREE\* reimbursed weekday train travel to and from Middlesbrough College

\*Free travel for all students eligible for a bursary and £5 admin fee per term for all other students.

## Financial help



Students receive help whilst they study with:

- Bursaries
- Support with equipment, costs, and residentials
- Support with childcare
- Other course related costs

Financial help and bursaries are all subject to status and means testing.

## Laptop Scheme



### MC Click

All full-time students will receive a free loan laptop at enrolment which includes the full Microsoft Office suite.

This will support your learning, equip you with the tools to succeed and help you to develop and showcase your digital skills.



£15 printing credit and subsidised stationery costs



FREE Wi-Fi



Access to exciting enrichment activities



10% discount on great food



FREE College meals<sup>◊</sup>

<sup>◊</sup>(if you currently receive free school meals, this could continue at College)

Please see our website for more details.



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



Support towards kit and equipment



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



# Taking our apprentices higher!



**NORTHERN  
SKILLS**

APPRENTICESHIP & TRAINING ARM OF  
MIDDLESBROUGH COLLEGE GROUP

**We are proud to introduce Northern Skills, Middlesbrough College's apprenticeship and training company!**

## How to apply for your apprenticeship

You can apply for your apprenticeship vacancy through Middlesbrough College! Our team can support you with your application. Apprenticeships are competitive, so you will need to ace your application and prepare for your interview, so you stand out from other applicants!

Visit [northernskills.co.uk](https://northernskills.co.uk) and apply for a vacancy.

### Apprenticeship benefits:

- Earn whilst you learn! Work alongside your studies and earn a wage
- Treated with respect and like an adult
- Receive hands-on-training under the supervision of skilled professionals
- Learn job specific skills that employers are looking for now
- A practical route to learning
- Avoid University loan debts

### Apprenticeships available in:

- Beauty
- Business
- Catering & Hospitality
- Childcare, Healthcare and Education
- Construction
- Engineering & Manufacturing
- IT, Computing and Digital Technologies
- Motor Vehicle (Automotive Technology)
- And many more!



**Nell McPartlin**  
**Digital Marketing apprentice**  
**Previous School: Dyke House Sixth Form**

**Nell chose to study an apprenticeship as she was also eager to work in a professional environment where she could gain vital skills for the future while earning a Level 3 qualification.**



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**WhatsApp**

We are on WhatsApp!  
07979 111 313

# Come visit us

We hold several Open Events throughout the year, offering you an excellent opportunity to meet us, explore our facilities, and get a feel for what studying at Middlesbrough College & TTE is like.

Come along to find out about our fantastic courses, student perks, and more!

Thursday  
3rd  
October '24

5:00pm - 7:30pm

Wednesday  
9th  
October '24

5:00pm - 7:30pm

Saturday  
9th  
November '24

9:30am - 12noon

Thursday  
5th  
December '24

5:00pm - 7:00pm

Wednesday  
22nd  
January '25

5:00pm - 7:00pm

Apprenticeship  
Expo  
Wednesday 5th  
February '25

2:00pm - 6:00pm

Wednesday  
12th  
March '25

5:00pm - 7:00pm

Thursday  
1st  
May '25

5:00pm - 7:00pm

Get That  
Apprenticeship  
Thursday  
5th June '25

4:00pm - 7:00pm

Thursday  
19th  
June '25

5:00pm - 6:30pm

## Not sure what you want to study?

Our Open Events are a great chance to explore our courses and discover what excites you!

You can also speak with our friendly tutors who are experts in their subject areas and are always happy to chat with you about courses you might be interested in.