



ENGINEERING AT TTE SHOWCASE

**NORTHERN
SKILLS**

M C
Middlesbrough
College Group

TTE

Predicted Grades Form

Please fill in this form with as much detail as you can at the end of this presentation.

Why do I need to fill this in?

So we can help you choose the right course and give you the support you need when you start.

If you miss this step, we might not be able to confirm your place.



Scan the QR code using
your smartphone camera

We also have paper copies of this form if you need one, please just ask!

Courses

In the Engineering Department, we have these courses for students aged 16 to 18:

- Level 2 EAL Performing Engineering Operations (Renewable)
- Level 2 EAL Performing Engineering Operations (Electrical)
- Level 3 Electrical and Electronic Engineering
- Level 3 Instrumentation and Control Engineering
- Maintenance, Installation and Repair for Engineering and Manufacturing (Electrical)

We have adult courses too, like Access to HE, short part-time courses, and even university-level learning.

Entry Requirements

Level 2	At least a grade 3 (D) in GCSE maths, English and science
Level 3	Four GCSEs at grade 4/5 (C) or above that must include maths, English and science OR An appropriate Level 2 vocation qualification.
T Level	At least 5 GCSEs at grade 5 and above including, Maths, English and Science You can't retake GCSE Math or English while doing a T Level

For some of our courses, you'll need to take an aptitude test.
Details of this are in this presentation.

The grades you need are correct at the time of this event. Before you enrol, check the College website to make sure you still meet the grade requirements.

Aptitude Testing

What's the Aptitude Test?

It's an online test you'll do while you are at the college. It checks how well you solve problems, think clearly, understand words and numbers, and use logic.

Everyone who wants to join the course needs to take this test.

The aptitude test takes around **60 minutes** and the answers are multiple choice.

To move forward with your application, you'll need to finish the test and get a score that meets the course requirements.

Testing Sessions

You can take a test at tonight's showcase event. If you can't stay, don't worry! Our Admissions team will send you an appointment to attend the next available testing session.

Level 2

Level 2 EAL Performing Engineering Operations

Pathways:

- Renewable Energy
- Electrical

How am I assessed?

Practical Skills Test

Portfolio of evidence

Underpinning Knowledge
Questions

What can I do next?

You can move onto one of our Level 3 Study Programme, or even into an Apprenticeship.

What will I study?

Modules may include:

- Working Safely in an Engineering Environment
- Carrying Out Engineering Efficiently
- Assembling and testing fluid power systems
- Maintaining Electrical Equipment and Systems
- Programmable Logic Controls (PLC)
- Assembling, Wiring and Testing Electrical Panels/Components
- Wiring and Testing Electrical Equipment and Circuits?

Level 3

Level 3 Electrical and Electronic Engineering

What will I study?

Modules may include:

- Health and Safety in the Engineering Workplace
- Mathematics for Engineering Technician
- Devices and Circuits
- Principles and Operation of 3 phase Systems
- Electrical Machines
- Electrical Technology
- Electrical Installation
- Electrical and Electronic Principles in Engineering
- Programmable Controllers (PLC) Engineering Project
- Electronic Fault Finding
- Analogue Electronics
- Effective use of Digital Electronics
- Three-phase Motors and Drives

How will I be assessed?

You'll be assessed by tutors watching how you work, doing short online tests, and completing tasks over time.

Level 3

Level 3 Instrumentation and Control Engineering

What will I study?

Modules may include:

- Instrumentation and Control Engineering
- Application of measurement systems
- Electrical and Electronic Principles in Engineering
- Programmable Controllers (PLC) Engineering Project
- Electronic Fault Finding
- Analogue Electronics
- Effective use of Digital Electronics
- Three-phase Motors and Drives

What can I do next?

You can progress on to the HNC/HND Operations Engineering at University Centre Middlesbrough at the College.

Another option is to explore Engineering Apprenticeships!

Future Careers:

Instrumentation Technician -
Average Salary £40,461

Example Timetable - Vocational

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

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

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-LEVELS

T Level Courses

Maintenance, Installation and Repair for Engineering and Manufacturing

Pathways:

Electrical

Progression:

You can progress on to the HNC/HND Electrical Engineering at University Centre Middlesbrough at the College.

Future Careers:

Renewable Energy Technician – *Average Salary £40,393*

Electrical Engineer – *Average Salary £50,000*

What will I study?

You will cover a range of topics in relation to Electrical and Electronic Engineering, such as:

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

Example Timetable – T Level

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

	Monday	Tuesday	Wednesday	Thursday	Friday
8am					
9am	3 – Work Placement	1 – Core Qualification	1 – Core Qualification	1 – Core Qualification	
10am					1 – Core Qualification
11am			1 – Core Qualification		
12am				4 – Thrive Personal Development	1 – Core Qualification
1pm			1 – Core Qualification		
2pm			1 – Core Qualification	1 – Core Qualification	
3pm			1 – Core Qualification	1 – Core Qualification	1 – Core Qualification
4pm					
5pm			1 – Core Qualification		
6pm					

Uniform, kits & PPE

In your planned workshop sessions, you will need to wear the correct PPE (Personal Protective Equipment)

This will be provided by the College **free** of charge.

Where can I get this from?

We will get this for you. You will be asked for information such as your shoe size at enrolment.

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

Don't worry – you don't need it for your first day.
PPE is given to you in your first workshop sessions.

STUDENT PERKS

Travel



Bus

Shuttle bus

Train



£15 printing credit and subsidised stationery costs



FREE Wi-Fi



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.*

Financial Help



Getting Your Offer

Just so you know, TTE does things a bit differently from other parts of the College, and the way it works might change depending on the course you choose to do.

If you need to complete the aptitude testing to get on your course:

You will receive your decision from us at end of February. This is because we need to check your aptitude test score and predicted grades before we can make this decision.

If it is not needed to get on your course:

You might hear back about your offer a little bit sooner, but we still need to look at your predicted grades to help guide this decision.

Referrals:

If your predicted grades are higher than the course you picked, we might get in touch and ask you to take an aptitude test. This could help you be considered for other courses at TTE.

If you're not likely to meet the entry for any TTE courses, we'll get in touch to help you find other options so you can join the course that's right for you

Next Steps



Conditional Offer

Your place is conditional, which means you need to:

- Get the grades you need for your chosen course/subjects.
- Keep an eye on our website for any important updates.
- Make sure you get approval from our Learning Support or Safeguarding teams before enrolling if needed.
- Finish the full enrolment process during Main Enrolment – see enrolment slide for details
- Places on your course being available.

Even if you've got an offer, your place on the course isn't confirmed until you enrol.

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 the Local Authority 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.

The Cube Team will help you with things like exam support, dyslexia checks, tutoring, and study skills.

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

Enrolment

GCSE Results Day

It's important that you go to your school and collect your GCSE results on **Thursday 20th August**.

We need the paper copy of your results to do your enrolment. If you don't bring it, we won't be able to sign you up for your course.

Enrolment Information

Enrolment will take place from **Thursday 20th to Friday 28th August** (excluding the weekend and August bank holiday).

Enrolment is by **appointment only** and you'll get a set time for your enrolment in the summer. Try to come at the date and time we give you - this is your **priority** appointment, and it gives you the best chance of getting a place on your first-choice course/subject(s).

If you wait too long or go on holiday during enrolment, your course might fill up - and we might not be able to save your place.

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!



Sports Academies:

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

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

Middlesbrough College Group is proud to announce an exciting new partnership with Whitby Town Football Club



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

CAREERS AND EXPERIENCE

Careers Team



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!

Real-world experience gives you a real advantage. That's why work placements are a key part of college life.



STUDENT SERVICES



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

Additional Learning Support



Our specialist services include:

- › Dyslexia / Dyscalculia Support Tutors
- › Extra maths and English support
- › Communication Support Workers for the deaf and notetakers
- › IT trainers for the visually impaired
- › Specialist Learning Support Assistants
- › Assistive technology and software resources
- › Special exam arrangements

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



Brand-new Esports room



Specialised Welding equipment to meet industry needs



7 classrooms and workspaces for Construction, Engineering and TTE



State-of-the-art £12m Engineering Technical Training Centre

**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

LAUNCH YOUR CAREER WITH AN APPRENTICESHIP



NORTHERN SKILLS

APPRENTICESHIP & TRAINING ARM OF MIDDLESBROUGH COLLEGE GROUP

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

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!



WHY NOT SEE IT FOR YOURSELF?

COME VISIT US!

Come see first-hand what studying at Middlesbrough College and TTE is like! Our open events are the perfect opportunity to chat with tutors, explore our facilities, and ask any questions you may have. You can even apply when you visit us!

2025/26 Open Events

Thu 2nd October '25

5:00pm – 7:30pm

Thu 4th December '25

5:00pm – 7:00pm

Thu 7th May '26

5:00pm – 7:00pm

Wed 8th October '25

5:00pm – 7:30pm

Wed 21st January '26

5:00pm – 7:00pm

Tues 16th June '26

5:00pm – 7:00pm

Sat 8th November '25

5:00pm – 7:30pm

Wed 11th March '26

5:00pm – 7:00pm

Apprenticeship Expo

Tue 10th February

2:00pm – 6:00pm



@MiddlesbroughCollege



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@MiddlesbroughCollege



WhatsApp

We are on WhatsApp!
07979 111 313

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