



T LEVELS:
CONSTRUCTION



WHAT ARE T LEVELS?

T Levels are a Level 3, two-year technical programme that provide you with a high-quality alternative to A Levels. They have been developed in collaboration with employers, and combine theory, practical and classroom learning with a minimum 45-day industry placement. If you opt to take a T Level you will spend 20% of your time on an industry placement and 80% in the classroom.

After completing the course you can progress directly into work, on to a Higher Apprenticeship or study a university degree, as T Levels are awarded UCAS points.

We currently offer the following T Levels in Construction:

- ⤴ Building Services Engineering for Construction (Electrical Installation)
- ⤴ Design, Surveying and Planning for Construction.

These subject areas have been chosen not only to give a wide variety of choice to our students but also to align with anticipated high demand skill areas for Greater Manchester and the wider North West region in the coming years.



WHO CAN STUDY A T LEVEL?

T Levels can be studied by any young person aged 16-18 and students up to age 24 who have an Education, Health and Care Plan (EHCP).

If you are interested in taking a T Level you will need to achieve the below entry requirements:

- ⤴ Minimum of five GCSEs at Grade 5 or above and this must include English and maths at Grade 6 or above and science at Grade 5 or above
- ⤴ Successfully attend an employer sponsor interview
- ⤴ Attend our Jump Start to T Levels Programme.

If you don't quite achieve these grades and would still like to pursue a T Level there is the option of a one-year T Level Foundation Year, which will then allow you to move on to a T Level the following year and gain a qualification at the same time*. Additionally you may still be accepted on a T Level if you successfully complete the Jump Start to T Levels programme and interview regardless of achieved grades.

We offer the following T Level Foundation Year programmes as part of our Industry Excellence Academy:

- ⤴ Building Services Engineering (Electrical Installation)
- ⤴ Design and Surveying.

**Subject to meeting the course requirements.*

JUMP START TO T LEVELS

Both T Levels and T Level Foundation Year require completion of our Jump Start programme as an entry requirement.

Jump Start to T Levels is a two-week introduction to our Industry Excellence Academy, T Level and T Level Foundation Year where students can meet their teachers and experience what learning at The Manchester College is like.

Students will take part in a project based learning experience to demonstrate their creativity, teamwork and problem solving skills, as well as their resilience, timekeeping and commitment.

The programme is designed to inspire students to think like Architectural, Construction and Engineering professionals, through a range of project-based learning challenges.

Topics covered on the Jump Start programme include:

- ⤴ Construction Projects and Team Roles
- ⤴ Design Concepts
- ⤴ Materials
- ⤴ Report Production
- ⤴ And much more.

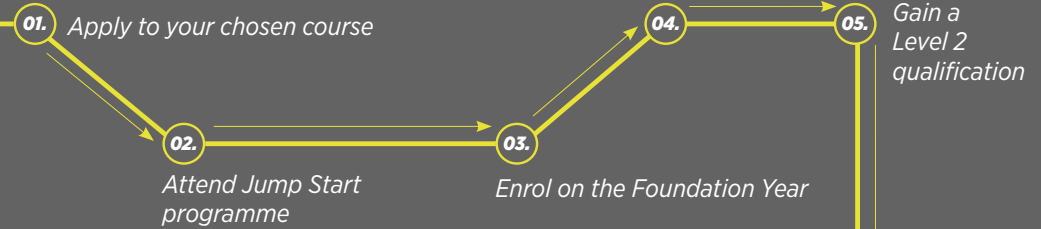


⤴ Our construction students worked alongside Wilmott Dixon on our brand-new City Campus Manchester.

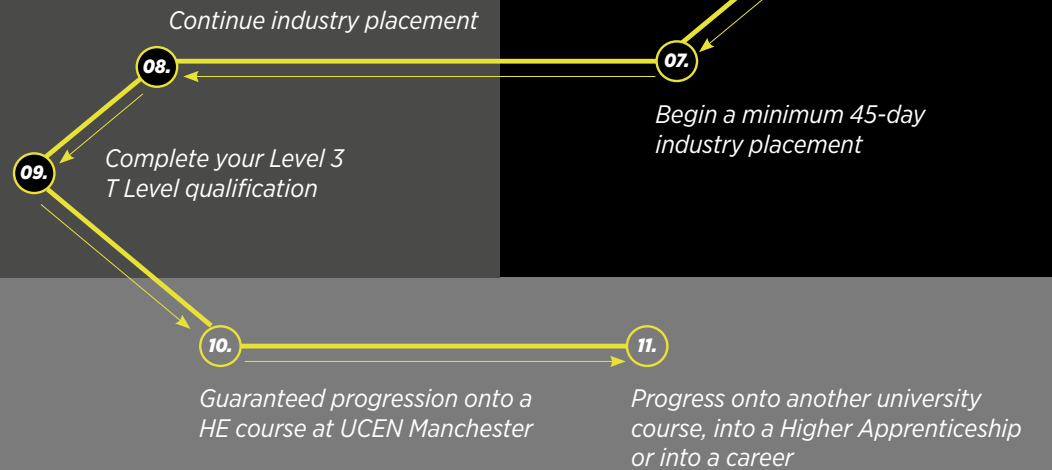
JOURNEY TO T LEVELS

YEAR 1

(If you don't have the grades for a T Level)



YEAR 3



YEAR 2

YEAR 4

(If you choose to progress to UCEN Manchester)



THE MANCHESTER COLLEGE T AWARD

Those successful in gaining a place on a T Level will be eligible for the '**T Award**', a package of benefits that includes:

- ⤴ £300 per year bursary*
- ⤴ Free branded work wear
- ⤴ General Visual Line of Sight Certificate (GVC) pilots licence acquisition, drone flight training and 3D modelling
- ⤴ Opportunity to take part in exciting college-wide competitions
- ⤴ Minimum 20% delivery by industry experts
- ⤴ Guaranteed progression to a Higher Education course at UCEN Manchester
- ⤴ Bursary incentive if progressing to UCEN Manchester
- ⤴ Minimum 45-day industry placement
- ⤴ Digital upskilling
- ⤴ Masterclasses
- ⤴ Industry standard laptop
- ⤴ And much more.

**Subject to requirements including 95% attendance, positive attitude and grade profile.*

OUR COURSES

Our courses have been co-developed and are co-delivered by our industry partners: Caldwells Construction; Dodd group; Galliford Try; GMI; ISG; Lovells; Mace Group; Morgan Sindall; Network Plus; Kier; NG Bailey; RG Group; Vinci and Willmot Dixon.

Along side your studies, you'll undertake a minimum 15-day (Foundation Year) or 45-day (T Level) industry placement on a live site, as well as having regular guest speakers, workshops from industry experts, working to live briefs, site visits, field trips and more. You'll also be assigned a specialist employability tutor to support and prepare you for the world of work.

All our courses will enable you to develop a general understanding of the construction and engineering sector, including:

- ⤴ Health and safety
- ⤴ The science behind building design, surveying and planning
- ⤴ Making accurate and appropriate measurements
- ⤴ Construction methods
- ⤴ Building regulations and standards
- ⤴ Data management and information standards in construction
- ⤴ Relationship management and customer service
- ⤴ How the Internet of Things (IoT) impacts construction
- ⤴ Digital engineering techniques
- ⤴ Mathematical techniques to solve construction problems
- ⤴ Construction design principles and processes
- ⤴ The construction industry and its role in the economy
- ⤴ Sustainability and the environmental impact of construction
- ⤴ Business, commerce and corporate social responsibility
- ⤴ Tools, equipment and materials used in construction.

**BOWMER
KIRKLAND**

Balfour Beatty

mace

**MORGAN
SINDALL
GROUP**

**LOVELL
HOMES**

NG Bailey

WILLMOTT DIXON
SINCE 1852

EQUANS

VINCI



T LEVEL

BUILDING SERVICES ENGINEERING FOR CONSTRUCTION (ELECTRICAL INSTALLATION)

Level 3 | T Level | Openshaw campus | Two years

WHAT YOU'LL LEARN ON THIS COURSE

Our T Level in Building Services Engineering for Construction (Electrical Installation) is perfect for you if you want to develop a career in construction areas such as electric installation and maintenance, plumbing or heating.

Over the two years, you'll develop a core understanding of the construction industry and broaden your knowledge of building engineering in areas such as building technology principles, building services engineering systems, maintenance principles and tools, equipment and materials.

You'll also learn all about the principles of electrical science and installing wiring systems and enclosures, putting your knowledge into practice during your industry placement.

WHAT YOU CAN DO WITH THIS T LEVEL

This course is suitable for anyone interested in a career in Building Services Engineering for Construction (Electrical Installation).

You can progress into roles such as:

- ↗ Building Services Engineer
- ↗ Domestic Appliance Service Engineer
- ↗ Engineering Construction Craftworker
- ↗ Heating and Ventilation Engineer.



FOUNDATION YEAR

BUILDING SERVICES ENGINEERING (ELECTRICAL INSTALLATION)

Level 2 | Certificate | Openshaw campus | One year

ENTRY REQUIREMENTS

- ↗ GCSE English or maths at Grade 4 with the other at Grade 3
- ↗ GCSE Science at Grade 4
- ↗ Attendance at our Jump Start programme.

WHAT YOU'LL LEARN ON THIS COURSE

If you enjoy working with electrics and are looking for a career with great opportunities for progression, then our Level 2 Building Services Engineering qualification is for you.

You'll learn all about the skills you'll need to apply for jobs in the electrotechnical sector or progress to further education, including the principles of electrical science, how to install wiring systems and enclosures, and the different types of electrical installations technology that you might encounter when you're working out in the sector.

You'll be taught by skilled tutors and benefit from demonstrations and talks by local employers. As the saying goes: "the best way to learn something is to do it yourself", so most of this course is hands-on, allowing you to get to grips with new tools and techniques from your very first week. Upon completion of this T Level Transition Programme, you'll have the opportunity to progress onto our T Level in Building Services Engineering for Construction (Electrical Installation).

WHAT YOU CAN DO WITH THIS QUALIFICATION

Upon successful completion of the Foundation Year, students can progress onto the Level 3 T Level in Building Services Engineering for Construction (Electrical Installation) the following year.



T LEVEL

DESIGN, SURVEYING AND PLANNING FOR CONSTRUCTION

(Civil Engineering, and Construction and the Built Environment)

Level 3 | T Level | Openshaw campus | Two years

WHAT YOU'LL LEARN ON THIS COURSE

If you want to become a project manager, surveyor, or civil engineer in construction, then you'll want to study one of our T Level routes in Design, Surveying and Planning for Construction. We provide students with a choice of Construction and the Built Environment or Civil Engineering.

During this two year qualification you'll develop a core understanding of the construction industry and working practices. You'll learn all about highly specialised areas such as project management, civil engineering, budgeting and resource allocation, procurement and risk management that are key to being a success in the industry.

You'll have the opportunity to gain experience during your work placement with our industry partners, working on-site to develop your team building skills and learning all about how a construction site and construction project functions.

WHAT YOU CAN DO WITH THIS T LEVEL

This course is suitable for anyone interested in a career in Design, Surveying and Planning.

You can progress into roles such as:

- ↗ Building Technician
- ↗ Civil Engineering Technician
- ↗ Technical Surveyor
- ↗ Town Planning Assistant.

FOUNDATION YEAR

DESIGN AND SURVEYING

Level 2 | Certificate | Openshaw campus | One year

ENTRY REQUIREMENTS

- ↗ GCSE English or maths at Grade 4 with the other at Grade 3
- ↗ GCSE Science at Grade 4
- ↗ Attendance at our Jump Start programme.

WHAT YOU'LL LEARN ON THIS COURSE

If you have a sharp, analytical mind and want a job in a highly specialised sector, this course can kick-start your journey towards a great career.

It's focused on teaching you the practical skills you'll need out in the workplace. You'll be practising your new skills in realistic work environments here at the College, as well as on real sites throughout your work placement.

You'll also be building the crucial attributes you'll need to land your first job, such as the ability to work well in a team, plan towards a deadline and follow a set brief. Plus, you'll learn to present information clearly, follow processes and complete any necessary admin.

WHAT YOU CAN DO WITH THIS QUALIFICATION

Upon successful completion of the Foundation Year, students can progress onto the Level 3 T Level in Design, Surveying and Planning for Construction the following year.

HOW TO APPLY

To apply to any of our Level 3 T Levels and Level 2 Foundation Year Programmes, visit tmc.ac.uk.

Successful applicants will then receive more information on the Jump Start to T Levels programme.

To find out more about T Levels visit our Industry Excellence Academy website:

industry-excellence.tmc.ac.uk/t-levels

You can also hear from our students on what it's like to study a T Level at The Manchester College by watching our case study videos on our T Level You Tube playlist. Scan the QR code below to watch.




T-LEVELS
THE NEXT LEVEL QUALIFICATION



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 **tmc.ac.uk**

 **03333 222 444**



The Manchester College is committed to equality of opportunity, non-discriminatory practices and supporting individual learners.

This information is also available in a range of formats, such as large print, on request.

All information in this brochure was correct at the time of print.

