

T-LEVELS

THE NEXT **LEVEL** QUALIFICATION

2024 - 2025



Rotherham
College

North Notts
College

Dearne Valley
College

What are T Levels and what are the benefits?



In September 2023, the RNN Group started to deliver T Levels across four areas: Construction, Digital, Education and Health.

In September 2024, we will also be offering: Animal Care & Management, Business, Engineering and Foundation Level.

T Levels are a new qualification for learners aged 16-19 who have finished their GCSEs alongside A Levels, BTECs, Level 3 courses and Apprenticeships.

T Levels are 2-year qualifications designed to give you a head start towards the career you want.

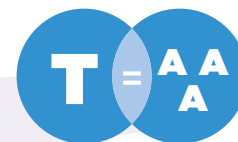
T Levels are advanced level 3 courses and each T Level is equivalent to 3 A Levels. They have been introduced to help young people develop the knowledge, attitude and practical skills to thrive in the workplace.

T Level learners spend 80% of the course in the classroom, learning the essential skills that your employees need. The other 20% is a meaningful industry placement, where they put these skills into action. This means that employers get early sight of the new talent in their industry.



Once a learner has completed a T Level course, they will be able to progress onto:

- A skilled occupation.
- Higher or degree level apprenticeships.
- Further study including Higher Technical Qualifications or Higher Education.



Equivalent to 3 A Levels



A 45 day industry placement



80% classroom 20% work

Each T Level that is delivered comprises of three key components:

- An approved technical qualification (TQ),
- A substantial industry placement with an external employer
- Employability, enrichment and pastoral (EEP) elements

Studying our T Levels, learners will be able to develop core skills such as communication, team working, reflective practice, research methods and presentation skills.

Foundation Level

Delivered at Rotherham College, North Notts College & Dearne Valley College.

Core components

This programme will provide students with the knowledge, skills and behaviours required to progress on to our T Level pathways within Construction, Digital and Engineering, Education and Childcare, and Health. Students will develop skills for work readiness, access work related activity and gain an insight and core skills which relate directly to the industry in which they intend to specialise. Students will complete employer set projects that link directly to industry and support each student to meet the national technical outcomes for their chosen sector.

Occupational specialism

Students will achieve the national technical outcomes for their chosen sector:

Construction

- Develop ideas to meet planning requirements for sustainable construction projects.
- Design sustainable construction projects.
- Produce sustainable construction project outputs.

Digital

- Analyse data to meet the requirements of client briefs.
- Apply coding skills to produce a digital project output.

Education and Childcare

- Plan learning activities to support children's development.
- Prepare environments for learning activities to support children's development.
- Contribute to the assessment of children's development.

Engineering and Manufacturing

- Develop ideas for engineering products to meet specifications.
- Produce sustainable engineered products.
- Solve sustainability problems with innovative engineering ideas.

Health and Science

- Apply knowledge and understanding of scientific theories, concepts and principles to health and science contexts.
- Provide person centred care to support the health and wellbeing of individuals.
- Follow Standard Operating Procedures to perform laboratory analysis.
- Analyse information and data to highlight health and science issues.

Health

Delivered at Rotherham College and North Notts College.

- ➔ **Core component:** this provides knowledge and understanding of the key concepts, theories and principles relevant to Adult Nursing.
- ➔ **Occupational specialism component:** this provides knowledge skills and behaviours required to develop competencies supporting the Adult Nursing Team by assisting with clinical tasks, supporting individuals to meet activities of daily living and assist with skin integrity assessments with the care and treatment of skin conditions.

Construction

Delivered at Rotherham College and North Notts College.

- ➔ **Core component:** this provides knowledge and understanding of the key concepts, theories and principles relevant to Construction.
- ➔ **Occupational specialism component:** Surveying & Design for Construction and the Built Environment or Civil Engineering.
- ➔ **Content knowledge includes:** 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.

Digital

Delivered at Rotherham College and North Notts College.

- ➔ **Core component:** during the 2-year programme, students will learn the core knowledge and skills that are needed for entry to a range of digital occupations such as how digital technologies impact business, the ethical and moral implications of digital technology, using data in software design, using digital technologies to analyse and solve problems, digital environments, including physical, virtual and cloud environments, emerging technical trends, such as Internet of Things (IoT), Artificial Intelligence (AI), Augmented Reality (AR), Blockchain, 3D printing, legal and regulatory obligations relating to digital technologies, the privacy and confidentiality of personal data, the technical, physical and human aspects of internet security, planning digital projects, testing software, hardware and data, digital tools for project management and collaboration.
- ➔ **Occupational specialism component:** in addition to the core content, each student will also develop skills in digital production, design and development. The content will include analysing a problem to define requirements and acceptance criteria aligned to user needs, designing, implementing, and testing software, changing, maintaining and supporting software, creating solutions in a social and collaborative environment, discovering, evaluating, and applying reliable sources of knowledge, applying ethical principles and managing risks in line with legal and regulatory requirements when developing software.

Education & Childcare

Delivered at Rotherham College and North Notts College.

- **Core component:** the core component provides a high-level foundation of knowledge and skills that are relevant to all occupational specialisms. The core component is not biased towards any particular occupational specialism component.
- **Occupational specialism component:** Early Years Educator, Assisting Teaching or Supporting and Mentoring Students in Educational Settings, understanding the education and childcare sector from ages 0 to 19, child development, how to support children and young people's education, safeguarding, health and safety and wellbeing, understanding and managing behaviour, observing and assessing children and young people, equality and diversity, special educational needs and disability, English as an additional language, working with parents, carers and wider families, working with agencies and services that support children, families and carers, reflective practice and other forms of professional development.

Animal Care and Management

Delivered at Dearne Valley College.

- **The core component:** The core component is made up of the common core and the core pathway. The common core content is designed to offer sufficient breadth of knowledge for the learner to apply in a variety of contexts related to the Agriculture, Environmental and Animal care industry and those Occupational Specialisms linked to this T Level. The common core content is the building blocks of knowledge and skills that will give a learner a broad understanding of the industry and job roles. At the same time, it will develop the core skills they will need to apply when working within the industry.

The core pathway content is designed to offer sufficient breadth of knowledge for the learner to understand contexts related to a particular sector/sector in the Agriculture, Environmental and Animal care industry and those Occupational Specialisms linked to this T Level. The core pathway content is the building blocks of knowledge that will give a learner a broad understanding of an Occupational Specialism industry sector/sectors, and at the same time, will develop the core skills they will need to apply when working within the industry.

- **Occupational specialism component:** Animal biology, classification, health and diseases, preventative health care and treatment administration, nutrition and feeding, animal behaviour and communication, animal training, accommodation design, maintenance and enrichment, animal welfare, handling and restraint, ethics, conservation, customer care.



Business

Delivered at Rotherham College and North Notts College.

- **Core component:** During the 2-year programme, students cover the underpinning knowledge, concepts and skills that support threshold competence in the finance industry. Students will learn the core knowledge and skills related to finance and are well placed to develop full occupational competence with additional development and support once in employment in the finance sector.

The Core Skills are assessed through Employer Set Projects. The Core Skills for this Core Component include, researching and analysing qualitative and quantitative data, working collaboratively as a team to make recommendations to meet customer needs, problem solving and demonstrating compliance with regulations and codes of conduct.

- **Occupational specialism component:** in addition to the core content, students will gain knowledge and skills that are needed in business and financial occupations such as retail and commercial banking, investment banking and assess management, insurance practice and financial compliance.

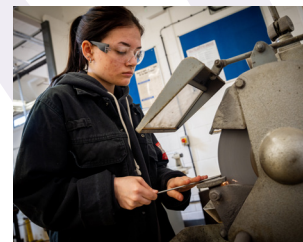
These components cover the occupational specialist knowledge and skills required to demonstrate threshold competence for the specialism. Each occupational specialism will be assessed by a skills-related project that synoptically assesses the performance outcome skills and associated underpinning knowledge.

Engineering

Delivered at Rotherham College.

- **Core component:** The core components of the Engineering T Level include a range of mechanical and electrical units to prepare you for your specialist pathway. You will study subjects that includes health and safety, manufacturing and control systems, electronics, engineering materials and working within engineering and manufacturing sectors. Maths and science will be included in the core year with units such as mechanical and electrical principles. Throughout the first year, you will be introduced to the exciting careers available to you through the study of a STEM subjects like engineering.

- **Occupational specialism component:** Mechatronics
The purpose of this specialism is for learners to know and understand mechatronic engineering systems and undertake key procedures for maintenance, installation and repair. Learners will have the opportunity to plan, perform and evaluate their work whilst utilising a range of materials, tools, equipment and machinery.



For more in depth information on our T Levels:

Rotherham College

Click here or visit

www.rotherham.ac.uk/course-type/t-levels

North Notts College

Click here or visit

www.nnc.ac.uk/course-type/t-levels

Dearne Valley College

Click here or visit

www.dearne-coll.ac.uk/course-type/t-levels

Rotherham College

01709 362111
info@rotherham.ac.uk
Wentwoth Building,
Eastwood Lane, S65 1EG

North Notts College

01909 504500
contact@nnc.ac.uk
Worksop Campus
Carlton Road, Worksop
Nottinghamshire, S81 7HP

Retford Campus

Retford Education Centre
Old Hall Drive, Retford
Nottinghamshire, DN22 7EA

Dearne Valley College

01709 513355
learn@dearne-coll.ac.uk
Manvers Park
Wath-upon-Deerne,
S63 7EW