

T-LEVELS

THE NEXT LEVEL QUALIFICATION



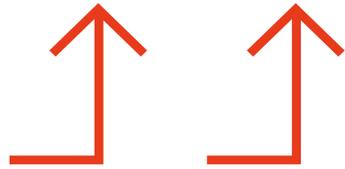
Peterborough
College



Stamford
College

T-LEVELS

THE NEXT LEVEL QUALIFICATION



T Levels are new, high-quality technical qualifications - an exciting alternative to A Levels and Apprenticeships that combine classroom theory with practical learning, and an industry placement within a rigorous and substantial qualification.



What are T Levels?

T Levels are two-year technical qualifications which have been developed in collaboration with employers and businesses to meet the needs of different industries and to ensure that individuals have the knowledge, skills and behaviours to progress directly into industry.

The qualification is made up of core knowledge, understanding and concepts, specialist content covering occupational or industry-specific skills, and an industry placement with an employer which will last a minimum of 45 days.

T Levels are equivalent to three A Levels and have UCAS tariff points.



T Level Courses Starting in 2023

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How are T Levels different from other qualifications?

The 45-day industry placement will give you the opportunity to gain the technical training needed to progress directly into employment.

- Develop English, maths and digital skills within the qualification framework
- Gain a nationally-recognised qualification with a certificated grade.

Why should I choose to study T Levels?

T Levels are ideal if you want to:

- Develop practical skills, knowledge and behaviours that show you are occupationally competent
- Apply theory in real workplace settings
- Combine classroom learning (80%) with on-the-job employment experience (20%)
- Pursue a high-quality technical route into skilled employment, further study or higher/degree apprenticeships

80%

CLASSROOM

20%

WORKPLACE

T Level DESIGN, SURVEYING & PLANNING FOR CONSTRUCTION

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 technical study programme is suitable for anyone wanting a career in construction, specifically in surveying and design, civil engineering, building services design, or hazardous materials surveying.

The course is designed in consultation with employers, professional bodies and higher-education providers to ensure that the content is appropriate for the progression routes identified. Additional content covered for occupational specialisms will also allow you to develop your problem solving skills whilst working to a client brief. You will have the opportunity to design and develop construction projects whilst working in a collaborative environment.

An industry-based work placement is required to run alongside your course; this must be equivalent to at least 45 days and will further reinforce your newly learned skills and offer a true insight into the construction industry.

What does the programme include?

You will learn about the following topics:

- Health and safety
- Science
- Measurement
- Building technology
- Information and data
- Digital technology
- Construction mathematical techniques
- Design
- Construction and the built environment industry
- Sustainability
- Relationship management
- Commercial business
- Project management
- Law



You will study utilising learning resources and materials such as:

- Schemes of work
- Tutor delivery guides
- Classroom activities
- Blended learning activities (eLearning)
- Home study tasks

Entry requirements

5 GCSEs at grades 4 or above, or a Merit in a relevant Level 2 Diploma such as Construction and the Built Environment, including grades 4 or above in GCSE English Language, maths and science.

How will the course be assessed?

T Levels are exam-based.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, you will have the necessary knowledge, skills, and behaviours to successfully progress directly in to specialist area of design and surveying, or you can progress on to an apprenticeship or higher level study.

The top grade of a distinction would also secure you the same number of UCAS points as three A Levels at A*, and will be recognised by most universities, meaning your progression options are kept entirely open.

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.

T Level DIGITAL PRODUCTION, DESIGN & DEVELOPMENT

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 course will develop your programming skills in multiple languages including: Python, C#, SQL and JavaScript. You will gain experience using industry standard development environments, techniques and source code management platforms which will equip you to face real world programming challenges. Investigating different software design methodologies, modelling approaches and project management tools will allow you to build the skills needed for your own software development projects.

You will learn about the value of digital technology and gain an understanding of customer and commercial needs. Discussions about the ethical and moral issues raised by the increasing reliance on technology and automation and the importance of legal requirements will form part of your studies. All that you learn will then be put to practical use on your industrial placement, where you will be supported throughout by your tutors and mentors to apply what you have learnt to your job role. In addition, you will have the opportunity to explore emerging technology trends and innovations such as Internet of Things (IoT), Artificial Intelligence (AI) and Machine Learning, Augmented Reality (AR), Blockchain and 3D printing.

This technical study programme is an attractive alternative to A Levels and apprenticeships and is designed in consultation with employers, professional bodies and higher-education providers to give you the industry skills you need in order to start your career within the digital industry.

What does the programme include?

You will cover digital-related topics such as:

- Business Contexts – from infrastructure design to managing change
- Digital Culture – covering ethical/moral issues

- Data Analysis – with data capture, collection, visualisation and modelling
- Digital Analysis – understanding algorithms, abstraction, pattern recognition and decomposition

- Digital Environments – covering system fundamentals for physical, virtual and cloud computing
- Diversity and Inclusion – understanding and valuing differences, sensitivities and equality
- Digital Learning – covering emerging technologies, internet of things (IoT), artificial intelligence (AI), augmented reality (AR), computer graphics (3D)
- Digital Legislation and Security – from data protection and intellectual property to security and data sharing
- Planning and Programming/ Software Development – building project plans, integrating software development lifecycle (SDLC), critical paths, application and solution development
- Testing and Tools – covering testing methods/types, industry-based digital tools and usability/user experience (UX) user interface (UI) testing.

This specialist course will also allow you to enhance your broader skills in literacy and numeracy, develop transferable skills in communication (working with real colleagues, customers and clients) and undertake research and live project development work.

Whilst engaging with specialist tutors, support staff and work placements co-ordinators, you will also be required to complete an industry placement of at least 45 days – providing the much needed real-world experience needed for this industry.

Entry requirements

5 GCSEs at grades 4 or above or a Merit in a relevant Level 2 Diploma, plus grades 5 or above in GCSE English Language and maths.

How will the course be assessed?

In the first year you will be expected to complete two paper-based exams.

In the second year, you will complete an employer-based coursework assessment:

- Core components will be assessed through a project set by employers from within the industry and two externally-set tests.
- Occupational specialisms will be assessed through a defined project that is created in conjunction with relevant employers and supported by specialist tutors on programme.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, you will have the necessary knowledge, skills, and behaviours to successfully progress directly in to specialist area of computing, or you can progress on to an apprenticeship or higher level study.

The top grade of a distinction would also secure you the same number of UCAS points as three A Levels at A*, and will be recognised by most universities, meaning your progression options are kept entirely open and could include further study in subjects such as: networking, software development, games design, computer science, big data analytics, cyber security, social media and business.

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.

T Level EDUCATION & CHILDCARE: EARLY YEARS EDUCATOR

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 course is ideal for you if you wish to pursue a career in the Childcare industry. The purpose of the T Level (technical qualification), is to ensure you have the knowledge and skills needed to progress into skilled employment, higher-level technical training or a university programme within the education sector.

This course offers you an attractive alternative to A Levels and apprenticeships. An industry-based work placement is required to run alongside your course, this must be a minimum of 750 hours and will further reinforce your newly learned skills and offer a true insight into the childcare industry.

What does the programme include?

Studying the Childcare T Level will enable you to develop core skills and knowledge such as working with others, observation and child development.

As part of this course you will study a variety of topics including:

- Wider context of the sector
- Supporting education
- Safeguarding and wellbeing
- Health and safety
- Behaviour
- Observation and assessment
- Equality and diversity
- Special Educational Needs and disabilities

- English as an additional language
- Parents, families and carers
- Reflective practice

You will study utilising learning resources and materials such as:

- Schemes of work
- Tutor delivery guides
- Classroom activities
- Blended learning activities (eLearning)
- Home study tasks

Entry requirements

5 GCSEs at grades 4 or above, or a Merit in a relevant Level 2 Diploma, including grades 4 or above in GCSE English Language and maths.



You will also need to have a DBS (Disclosure and Barring Service) Certificate with no grounds that you are professionally unsuitable to undertake professional practice or placement. Application for a DBS is managed by the College and we will contact you with the forms and guidance you require to complete this before you are due to start your course.

How will the course be assessed?

In the first year you will be expected to complete two paper-based exams.

In the second year, you will complete an employer-based coursework assessment:

- Core components will be assessed through a project set by employers from within the industry and two externally-set tests.
- Occupational specialisms will be assessed through a defined project that is created in conjunction with relevant employers and supported by specialist tutors on programme.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 750 hours, you will have the necessary

knowledge, skills, and behaviours to successfully progress directly in to a specialist area of education or early years, or you can progress on to an apprenticeship or higher level study.

The top grade of a distinction would also secure you the same number of UCAS points as three A Levels at A*, and will be recognised by most universities, meaning your progression options are kept entirely open.

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 750 hours. Employers can offer industry placements as a block, day release or a combination of the two.

You will also require a current Disclosure and Barring Service (DBS) enhanced disclosure certificate which the College will support you to apply for.

T Level ENGINEERING: MANUFACTURING, PROCESSING & CONTROL

20% 80%
PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 Technical Qualification consists of a core section including health and safety, material science, and engineering mathematics with the subject specialism being maintenance engineering technologies. After completing basic skills modules you will progress on to learning about advanced diagnostic techniques for multiple mechanical systems. You will work in the engineering workshops to gain the required hand and machining skills, whilst attending theory lessons conducted in a classroom.

An industry-based work placement is required to run alongside your course, this must be equivalent to at least 45 days and will further reinforce your newly learned skills and offer a true insight into the engineering industry.

What does the programme include?

This programme focusses your skills and knowledge for working within engineering manufacturing. As part of the programme, you will study the following skills and knowledge:

- Processes of production and manufacturing
- Materials used in production, manufacturing and fabrication environments
- Specialist machinery utilised in the production and manufacturing environments
- Product and project management
- Quality assurance and quality control
- Machining and toolmaking technologies

You will study utilising learning resources and materials such as:

- Schemes of work
- Tutor delivery guides
- Classroom activities
- Blended learning activities (eLearning)
- Home study tasks

Entry requirements

5 GCSEs at grades 5 or above, or a Merit in a relevant Level 2 Diploma, including at least grades 5 or above in GCSE English Language and maths.

How will the course be assessed?

T Levels are exam-based.

In the first year, you will sit two core knowledge exam papers in June. These are two externally set and marked exams covering knowledge from part 1 which is the engineering common core element. Both are 2.5 hours and have a weighting of 35%.

You will also complete one employer-set project (externally marked) covering knowledge and core skills from part 1 which is the engineering common core element. This is 21 hours in duration and has a weighting of 30%.

In the second year, you will complete an occupational specialism assessment, demonstrating application of the relevant knowledge, skills and behaviours for the occupation. This is 24 hours 15 minutes in duration and has a weighting of 100%.

In addition, you will also have to have achieved:

- The minimum requirement for English and maths (grade 5 or above at GCSE, or Functional Skills 2)
- Successful completion of an industry placement.

Your overall grade will be calculated from the grades achieved on Core and Occupational Specialism.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, the course is designed to allow you to progress directly in to the engineering industry in your chosen field, or you can progress on to an apprenticeship or to university, as a number of major UK universities accept T Levels.

Successful completion of this T Level will allow you to progress to roles such as:

- Engineering Technician
- Aerospace Technician
- Aviation Engineer
- Maritime Engineering
- Machinist
- Mechatronics Engineer
- Toolmaker

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.

T Level LABORATORY SCIENCES

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 course is ideal for you if you wish to pursue a career in the Science industry. The purpose of the T Level (technical qualification), is to ensure you have the knowledge and skills needed to progress into skilled employment, higher-level technical training or a university programme within the science sector.

This course offers you an attractive alternative to A Levels and apprenticeships. An industry-based work placement is required to run alongside your course, this must be a minimum of 315 hours and will further reinforce your newly learned skills and offer a true insight into the science industry.

What does the programme include?

You will develop core skills and knowledge through the following topics:

- Working within the health and science sector
- General regulation and processes in the health and science sector
- Health, safety and environmental regulations
- Managing information and data
- Ethics of science and how it influences the work undertaken by organisations
- Principles of good scientific and clinical practice
- Scientific methodology
- Experimental equipment and techniques
- Biology, Chemistry and Physics equivalent to A Level standard

- Practical skills including: Performing a range of appropriate scientific techniques. Plan, review, implement and suggest improvements, and identify and resolve issues with scientific equipment or data errors.

You will study utilising learning resources and materials such as:

- Schemes of work
- Tutor delivery guides
- Classroom activities
- Blended learning activities (eLearning)
- Home study tasks

Entry requirements

5 GCSEs at grades 4 or above, or a Merit in a relevant Level 2 Diploma, including grades 5 or above in English, maths and science.



How will the course be assessed?

In the first year you will be expected to complete two core knowledge paper-based exams and an employer-set project which contains controlled assessments.

In the second year, you will complete an occupational specialism assessment to allow you to demonstrate your application of the relevant knowledge, skills and behaviours required for the occupation.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, you will have the necessary knowledge, skills, and behaviours to successfully progress directly in to a specialist area of the science industry, or you can progress on to an apprenticeship or higher level study.

The top grade of a distinction would also secure you the same number of UCAS points as three A Levels at A*, and will be recognised by most universities, meaning your progression options are kept entirely open.

Example job roles includes:

- Laboratory Technician
- Technical Support Scientist
- Laboratory Assistant
- Medical Laboratory Assistant
- Quality Control Laboratory Technician

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.

T Level PROFESSIONAL CATERING

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

This Level 3 vocational course will assist you in developing your skills to professional standards in Hospitality and Catering and getting you career ready by providing you with placements for work.

The core knowledge and understanding delivered within this qualification will support you to transition into employment with the skills, confidence and attributes required to be successful in the hospitality and catering sector.

This course will bring you closer to industry than ever before. You will hear from people within the industry, who will equip you with the latest skills, to enhance your future career opportunities.

An industry-based work placement is required to run alongside your course, this must be equivalent to at least 45 days and will further reinforce your newly learned skills and offer a true insight into the hospitality and catering industry.

What does the programme include?

The core knowledge and understanding delivered within this qualification will support you to transition into employment with the skills, confidence and attributes required to be successful in the hospitality and catering sector.

You will learn the following elements:

- Quality Ingredients and brand standards
- Tools and equipment
- The kitchen environment
- Food preparation, cooking, holding and finishing
- Food safety
- Supporting business performance
- Minimising risk
- Workplace hazards
- Professional behaviours and responsibilities
- Producing quality dishes using fresh ingredients for service
- Leading the production of quality dishes using prepared ingredients for service



- Adapt quality dishes for specific customer requirements
- Produce quality dishes for a central production unit consumed in different types of locations
- Create quality dishes to meet a menu concept

You will study utilising learning resources and materials such as:

- Schemes of work
- Tutor delivery guides
- Classroom activities
- Blended learning activities (eLearning)
- Home study tasks
- Practical skills in our industry built on site professional kitchens

Entry requirements

4 GCSEs at grades 4 or above, including English Language and maths, or a Merit in a relevant Level 2 Diploma.

How will the course be assessed?

You will be assessed through assignment work, case studies, presentations, examinations and final practical examinations.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, you will have the necessary knowledge, skills, and behaviours to successfully progress directly in to the hospitality and catering industry in your chosen field, or you can progress on to an apprenticeship or higher level study.

The top grade of a distinction would also secure you the same number of UCAS points as three A Levels at A*, and will be recognised by most universities, meaning your progression options are kept entirely open.

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.

T Level SUPPORTING HEALTHCARE: ADULT NURSING

20% 80%

PRACTICAL VS THEORY

Duration: **2 Years Full-Time**

Health is a vital field that we all depend upon as the Covid pandemic has clearly demonstrated to us all. This T Level is a Level 3, 2 year course, equivalent to 3 A Levels but with a more vocational focus in Adult Nursing and designed to provide you with the skills, experience and knowledge required to progress into a career in Adult Nursing. You will gain in-depth industry experience via a work placement in the healthcare sector so you have more focus on vocational skills development than A Levels. This will help you into skilled employment in Health, or progress to university or an Apprenticeship. In addition to classroom-based lessons, the course includes a minimum of 315 hours working with an employer on a relevant industry placement.

What does the programme include?

You will develop a general understanding of:

- A general understanding of Health
- Working within the Health sector
- Health, safety and environmental regulations
- Managing information and data
- Principles of good scientific and clinical practice
- Core science concepts.

You will also learn about topics specific to science:

- Understanding the Healthcare sector
- Providing person-centred care

- Health and wellbeing
- Further science knowledge
- Health and safety in the Healthcare sector
- Infection prevention and control
- Managing personal information.

You will develop the relevant knowledge and skills necessary to perform routine clinical tasks such as taking physiological measurements such as blood pressure. You will also gain experience in using healthcare technology such as emergency equipment, monitoring equipment and personal care equipment. In addition you will also learn how to provide person centred care to support patients through their treatment.



Entry requirements

5 GCSEs at grades 5 or above, or a Merit in a relevant Level 2 Diploma including grades 5 or above in GCSE English, maths and science.

You will also need to have a DBS (Disclosure and Barring Service) Certificate with no grounds that you are professionally unsuitable to undertake professional practice or placement. Application for a DBS is managed by the College and we will contact you with the forms and guidance you require to complete this before you are due to start your course.

How will the course be assessed?

The core knowledge and understanding is assessed through two externally marked exams, with the core skills being assessed through a compulsory practical employer-set project (315 hours minimum).

The combined results from the exam and the compulsory employer-set project will determine the overall grade (A* to U, in line with A Levels).

You will be assessed on the occupational specialist content synoptically, through practical assignments graded on a three-point scale: Distinction, Merit, and Pass, in line with Diploma qualifications.

Potential future career

Due to the high-level academic nature of the T Level and the considerable industry placement element totalling a minimum of 315 hours, the course is designed to allow you to progress directly in to the healthcare industry.

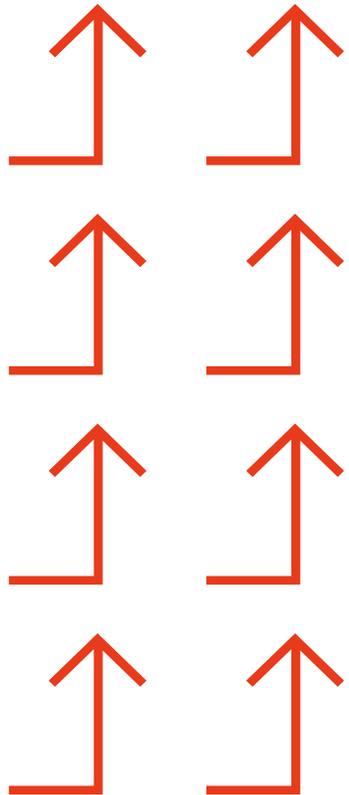
You will also accrue UCAS points to apply for university courses in Adult Nursing and other specialist degree routes such as Child Nursing and Mental Health. In addition, you may consider undertaking a degree apprenticeship in nursing as an alternative route.

Additional information

Your T Level will include an industry placement with an employer to develop the practical and technical skills required for the occupation.

We will support you in finding relevant work placements but you must demonstrate willingness to travel to your work placements.

These will last a minimum of 315 hours (around 45 days). Employers can offer industry placements as a block, day release or a combination of the two.



80%
CLASSROOM
20%
WORKPLACE

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Have questions? We are here to help.



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Inspire
Education Group

Please note course information is correct at time of print but can be subject to change.