

**Technical
Education
Networks**



**Route: Construction and
the Built Environment**

Construction and the Built Environment

The National T Level Conference
26th June 2024

Agenda

- Welcome & Introduction
- Housekeeping
- Employer voice in T Levels
- Activity: Embedding the employer voice in T Level curriculum
- Industry support and opportunities
- Plenary
- Close

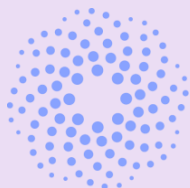
Focus Areas

- Design, Surveying & Planning
- Building Services Engineering

Support for Onsite Construction is available.

Aims for today

- Ideas around industry placements & involvement
- Connections with organisations
- Signpost to new developments and support opportunities
- Practical things to take away and use



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Route: Construction and
the Built Environment

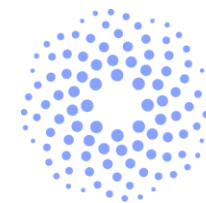
T Levels & Laing O'Rourke recruitment strategy

Scott Bell

The National T Level Conference

26th June 2024

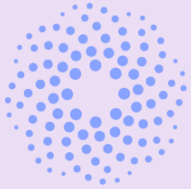
NOT SHARED AT SPEAKERS REQUEST



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Case Study: Will Rose

- 
- <https://vimeo.com/917450753/58fc9d20c3?share=copy>



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**Route: Construction and
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Building Services Engineering - Electrotechnical Engineering

Alex Robinson & Kate Wilson

The National T Level Conference

26th June 2024

*The Building Services Engineering T Level
and linking to an Accelerated
Apprenticeship:
Electrotechnical Engineering*

The Electrotechnical Skills Partnership

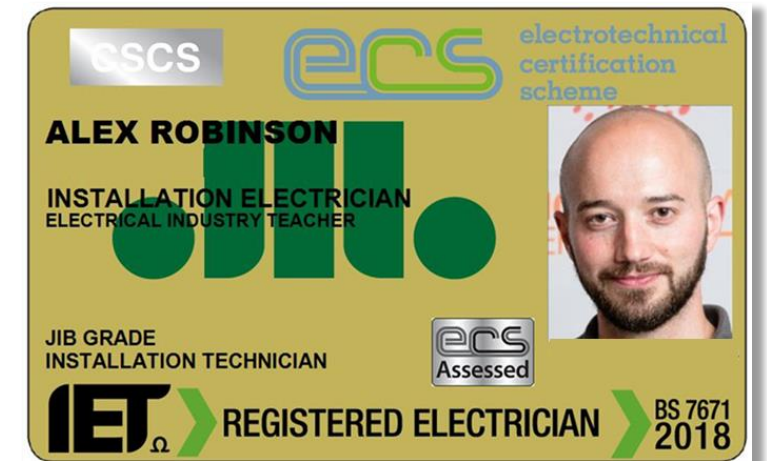
Kate Wilson
Alex Robinson

www.the-esp.co.uk/



About Us

- Kate Wilson
 - BSE / electrical industry comms background
 - National Training Organisations, SummitSkills, JIB, ECS
 - NET and TESP project management / PR / comms
- Alex Robinson
 - Qualified electrician after completing an apprenticeship, later moving into FE
 - Works across multiple industry partners on skills and education projects
 - Supporting training providers and employers with T Levels



What is TESP?

- Formed in 2015 following the closure of Sector Skills Councils
- Partnership to create a single body co-ordinating skills strategy for the industry
- Incorporated as a Community Interest Company in 2019





The Electrotechnical
Skills Partnership

SELECT



SUPPORTING: Learners • Industry Workforce • Employers • Training Providers

WITH: Clear Entry & Progression Routes • Careers Information & Guidance
Standard & Qualification Development • Industry Data

ENGAGING WITH:

Governments



Awarding Organisations

City & Guilds



Part of the
Enginuity Group

EAS



ECS



electrotechnical
certification
scheme

Certification Bodies including



NAPIT

Professional
Institutions



The Institution of
Engineering and Technology

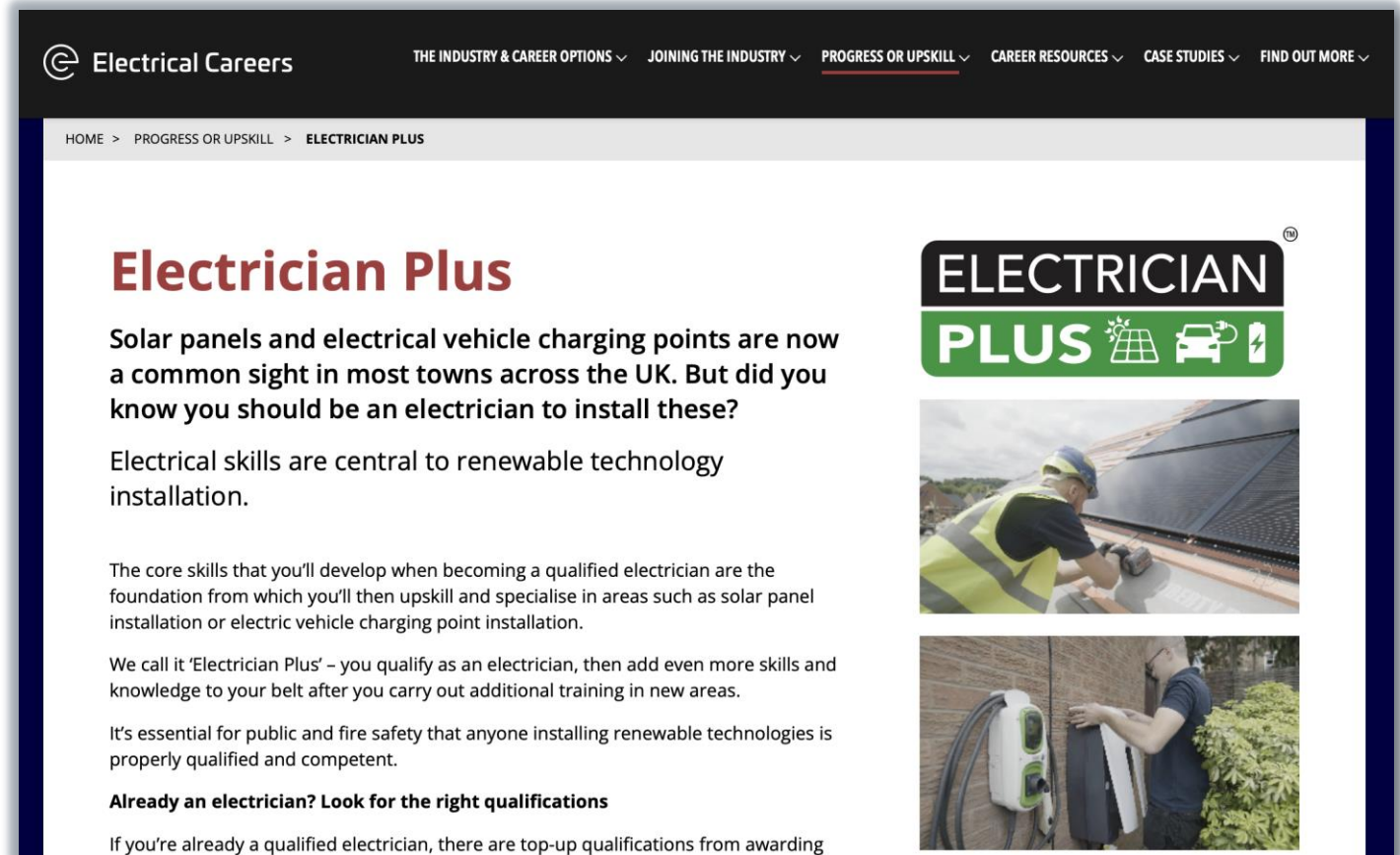
Projects

- Electrical Careers website
- Industry LMI
- Experienced Worker Assessment
- Recognised qualifications and training routes
- Rogue Trainers campaign



Projects

- Electrician Plus - reinforcing that electricians are central to green jobs
- Simple upskilling not new occupations
- A key reason why more electricians are needed



The screenshot shows a web page titled 'Electrician Plus' under the 'Electrical Careers' header. The page has a dark navigation bar with links: 'THE INDUSTRY & CAREER OPTIONS', 'JOINING THE INDUSTRY', 'PROGRESS OR UPSKILL' (highlighted), 'CAREER RESOURCES', 'CASE STUDIES', and 'FIND OUT MORE'. Below the navigation bar, a breadcrumb trail reads 'HOME > PROGRESS OR UPSKILL > ELECTRICIAN PLUS'. The main content area features the title 'Electrician Plus' in large red font. Below it, a paragraph states: 'Solar panels and electrical vehicle charging points are now a common sight in most towns across the UK. But did you know you should be an electrician to install these?'. This is followed by another paragraph: 'Electrical skills are central to renewable technology installation.' A third paragraph explains: 'The core skills that you'll develop when becoming a qualified electrician are the foundation from which you'll then upskill and specialise in areas such as solar panel installation or electric vehicle charging point installation.' A fourth paragraph says: 'We call it 'Electrician Plus' – you qualify as an electrician, then add even more skills and knowledge to your belt after you carry out additional training in new areas.' A fifth paragraph notes: 'It's essential for public and fire safety that anyone installing renewable technologies is properly qualified and competent.' Below this, a section titled 'Already an electrician? Look for the right qualifications' begins with the text 'If you're already a qualified electrician, there are top-up qualifications from awarding'. To the right of the text, there is a logo for 'ELECTRICIAN PLUS' with icons for solar panels, a car, and a plug. Below the logo are two photographs: the top one shows a worker in a yellow safety vest installing solar panels on a roof, and the bottom one shows a worker installing an electric vehicle charging point on a wall.

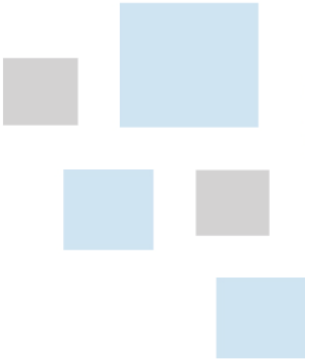
Industry skills needs

- The Installation/Maintenance Electrician apprenticeship is one of the most popular apprenticeships with approx. 7500 starts per year, but more are needed
- An estimated 33,000 additional electricians needed by 2027
- An additional 20,000 learners have typically started funded college-based knowledge courses every year which do not provide the work experience required for full qualification.

Currently issues with progression from Full Time into fully qualified for completion, onto NVQ or apprenticeship. Career journey is not continued for most learners and they don't become fully qualified

Industry skills needs

- T Levels are now the crucial first step into an apprenticeship and onto fully qualified status
- Delighted to be working with industry partners on T Level promotion
- Work already underway



T Level route

- New route PDF joins existing suite of infographics



Route 2a: T Level - Building Services Engineering (Electrical Installation Pathway)



BEFORE YOU START

The T Level qualification in Building Services Engineering for Construction (Electrical Installation pathway) is a two year qualification which allows students to develop specialist knowledge and skills on how to install, commission and maintain electrical and electronic systems. T Levels are the equivalent of three A Levels and are recognised by UCAS to support applications to study at university. [More information on T Levels](#)



T-LEVEL CONTENT OVER 2 YEARS

CLASSROOM LEARNING

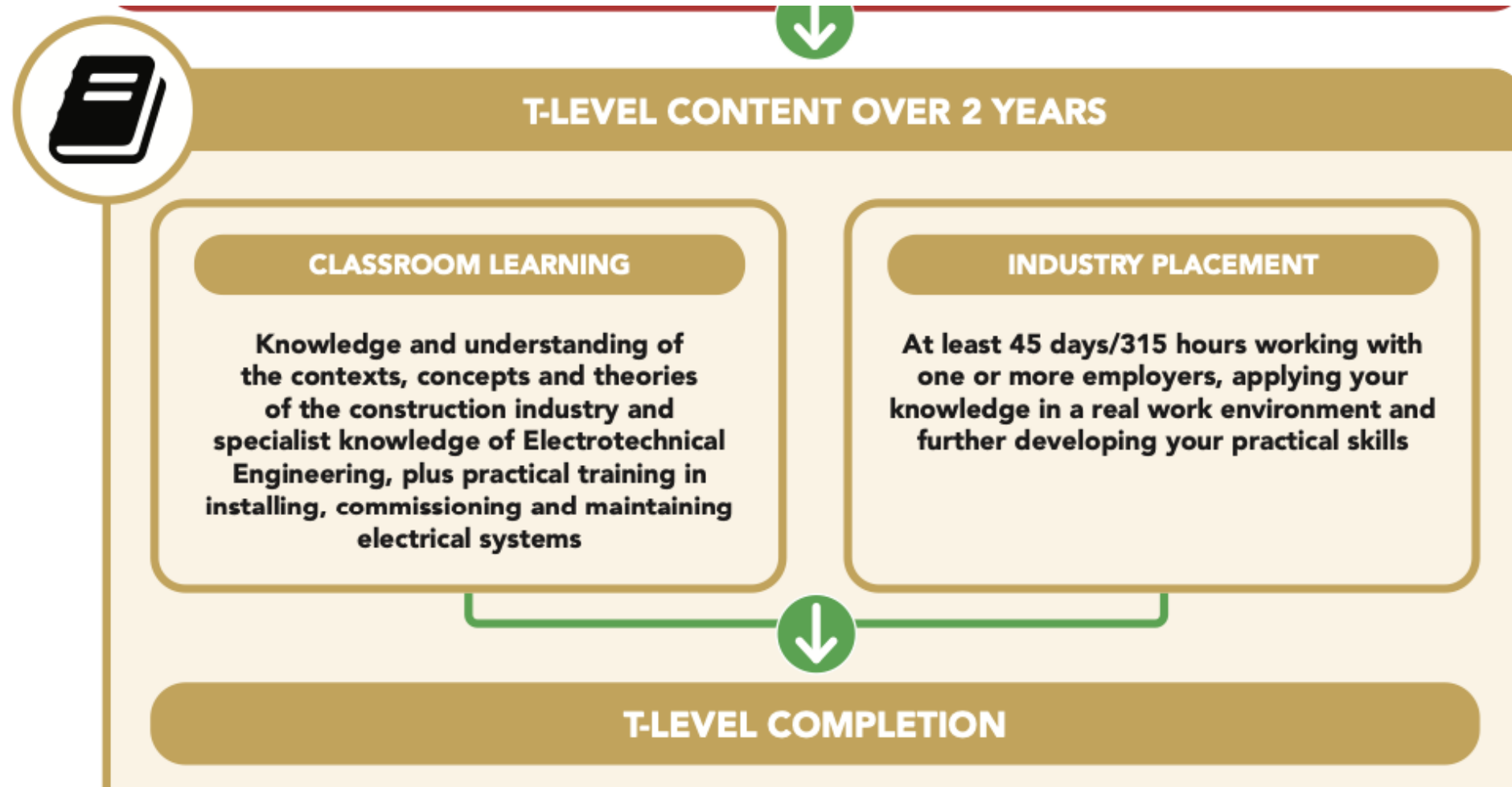
Knowledge and understanding of the contexts, concepts and theories of the construction industry and specialist knowledge of Electrotechnical Engineering, plus practical training in installing, commissioning and maintaining electrical systems

INDUSTRY PLACEMENT

At least 45 days/315 hours working with one or more employers, applying your knowledge in a real work environment and further developing your practical skills



T Level route



installing, commissioning and maintaining
electrical systems



T-LEVEL COMPLETION



ACCELERATED APPRENTICESHIP

If you secure an apprenticeship, learning
gained from the T Level will be credited to
reduce the duration



QUALIFIED ELECTRICIAN

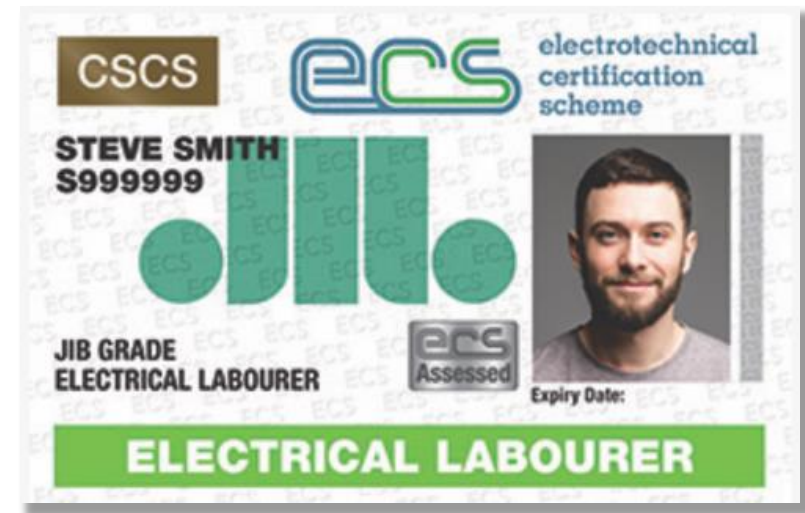
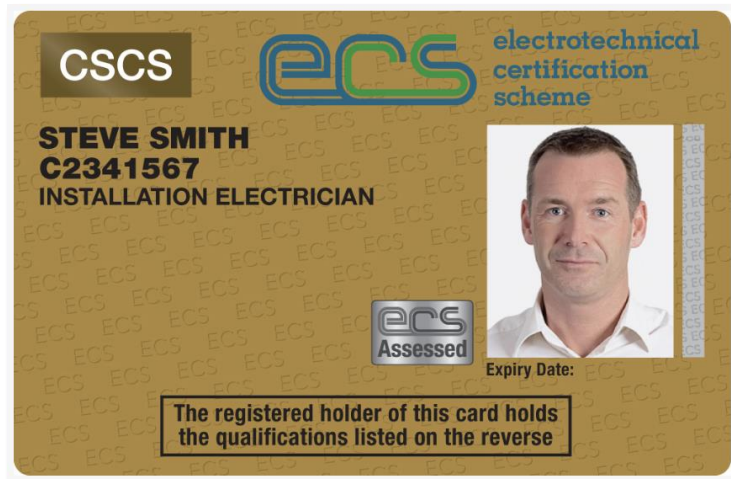
Once you've completed your
Apprenticeship you'll be a qualified
electrician and can gain your ECS Gold Card



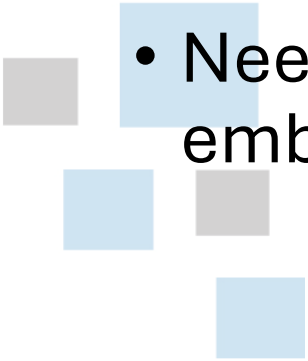
HIGHER TECHNICAL QUALIFICATIONS

After your T Level you could go on to study
Higher Technical Qualifications such as a
Foundation Degree or HNC in a technical,
business or management area –
[view all current approved HTQs](#)

ECS Cards at each step of the way

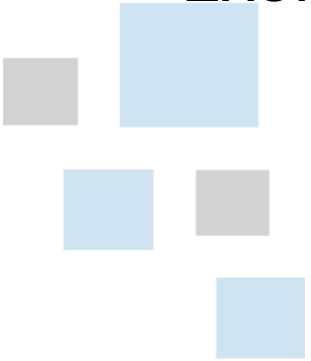


RPL into Advanced Apprenticeship

- Significant work has already been carried out by an industry working group, TESP and awarding organisations on RPL
 - Really keen to help providers understand how the T Level maps into an accelerated apprenticeship
 - Typically 12m, exceptionally might be up to 18
 - The new updated standard needs a holistic approach, it's wider than the qualification
 - Need to view it in that sense and allow time for reinforcement and embedding of learning
- 

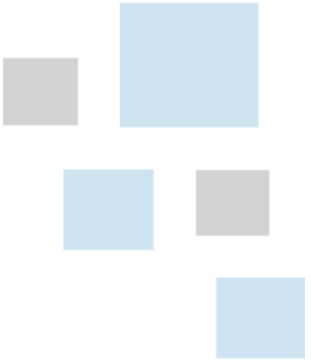
RPL into Advanced Apprenticeship

- **Important:** full completion of the T Level is only route to accelerated apprenticeship
- Dropping out early wastes money and effort on repeated learning
- Providers could actively market in this way as a seamless process
- Exemption quals for apprenticeship



Business benefits

- In the electrical industry employers are already offering placements
- Lots of good news stories across the UK
- Helix Electrical – video case study

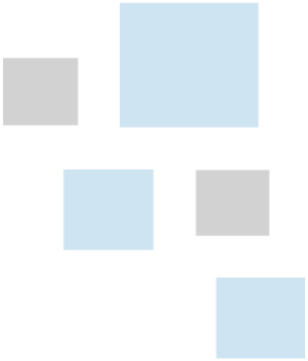


Business benefits

“With industry placements, the learner is part of your business and working alongside you for a sustained period of time. It allows you to really assess them as a potential apprentice and make a judgement on their suitability.

For me this is the biggest benefit, alongside having access to a large pool of recruits via our relationship with the college.”

Alex Bailey, Operations Director, East Goscote Electrics Ltd



Business benefits

“The T Level is an attractive offer to me as the bonus is you get the learner over two years and they pick up more experience than someone new coming in blind. During the T Level placement, Mitchell got to learn how we work, he became more hands on, gained more skills and was increasingly more useful as the placement went on.

He showed so much commitment over the two years, the apprenticeship was the natural progression for him and I felt the same commitment to continue and support his development.”

Gary Tunaley, Director, GTE Electrical Services Ltd



Business benefits

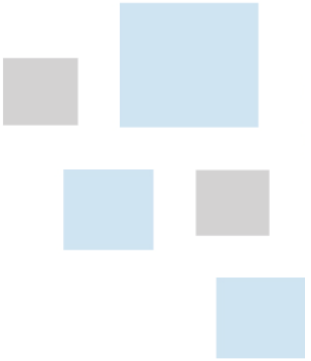
- Succession planning
 - Developing future QS or line manager in the business - give leaders of the future T Level learners as reports, supervisory role.
 - Apprentice replacements as they transition to qualified.
- Adopting the culture and the ways of working in the business
- Site-readiness
- Studies into context and practice - developing skills in the 'real-world environment'
- Try before you buy

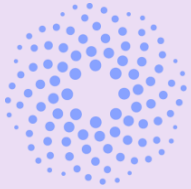


VIDEO NOT SHARED AS NOT PUBLICALLY
AVAILABLE YET

Over to you...

- Engagement with industry is a vital part of delivering the T Level and securing support for learners across the wider curriculum
- You've seen a few examples of how TESP works with industry – how do you embed industry engagement into your own practice





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Activity: Embedding the employer voice into T Level curriculum

The National T Level Conference
26th June 2024

Short activity

You've heard from LAING O'ROURKE and from  on the importance of T Levels to their businesses and industries. You'll know from students and your own practice that building industry involvement into your curriculum is vital, so....

What are you doing or planning to do to include industry involvement in curriculum planning?

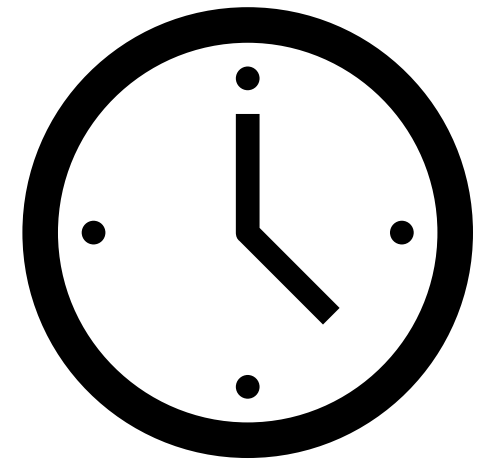
Discussion —

What are you doing or planning to do to include industry involvement in curriculum planning?

Please spend the next **20 minutes** or so on your table:

- Think beyond Industry Placements
- Sharing good practice
- Ideas that work
- Things you'd like to try!

Table facilitators will submit key feedback to Slido – please include specifics (e.g. provider/employer names) where possible.



Ideas from participants

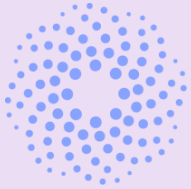
- Get out there in local business networking events to make contacts
- Think outside the box e.g. facilities in an nhs trust..
- Barnsley College -speed networking, academy events for talent spotting
- Supply chain placements- recognition of accessories, networking etc.
- Incentives - Cost free CPD to employers that offer IPs e.g. 18th edition
- Business Breakfasts (Trying to focus efforts on engaging with a range of different size contractor's) T Level Forum (collaborative engagement between provider and industry)
- 'Live Brief' - digital and creative - asking employers to input into the curriculum
- Blackburn College - 'Collaboration Zone' rooms for employers to use at college / allowing them to use the facilities with the learners - Blackburn
- Blackburn College - do Intro to T Levels session for employers, invite them in around 5pm, food. Get commitment from them and follow up directly Construction careers events, another opportunity to get them back in Industry Boards - invite employers in to look at Curriculum Mention T levels at every step of the way and ask them what they want from it
- Need to sit down and look at course spec with employers
- Curriculum endorsement and reviews

What next?

Thank you for your participation.

We'll collate all the ideas and great practice you already do
(we'll try to assign names / contact details for you to follow up)

We'll circulate all the comments (even those that didn't get a chance to talk) for inspiration!



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Industry support and opportunities

**Liv Bradley, Head of Construction
City College Norwich**

**The National T Level Conference
26th June 2024**

T Levels in Construction CCN Offer

Construction

Design, Surveying and Planning (Surveying and design for construction and the built environment OS) 2020

Building Services Engineering (Plumbing and Heating OS) 2023

Building Services Engineering (Electrical Engineering OS) 2023



How do we work with Employers?

Dual Purpose Open Events – Construction East employers have asked to support course teams at our open events, to promote T Levels from an employer's perspective, but also showcase the wider career opportunities and demonstrate collaborative working.

Employer Led Project – We have a group of employers who created a project brief for learners in Year 1. Employers visit on a regular basis throughout the academic year to review progress and culminates in an end of year presentation to the panel of employers. Best presentation will be offered an industry placement.

Guest Speaker Sessions – The industry placement coordinator and course team work together to arrange guest speaker sessions to enhance curriculum.

How do we work with Employers?

Themed Site Visits – Site Visits with a core curriculum theme so learners will hear from a subject expert on a chosen part of their core curriculum.

Example - T Level Building Services Engineering (Electrical) Site Visits and themes:

Friday 17th May – 2pm Theme: Sustainability

Friday - 24th May – 2pm Theme: Project Management

Friday - 14th June – 2pm Theme: Design

Friday - 21st June – 2pm Theme: Relationship Management



Employer Feedback

T Level Building Services Engineering (Electrical)

Steve Nash, Ingleton Wood

As an employer within the Building Services design field, the appeal to take on a student studying T-Levels is born through the reassurance that this demonstrates an early interest the profession, but also that their knowledge coming in to the role is built on the core engineering principles with which the practice is built upon. We recognise the importance of learning both in college and during day-to-day work, with exposure to new challenges every day, and the T level in Building Services provides a secure gateway onto the professional development pathway which we support.



Employer Feedback

T Level Design, Surveying and Planning

David Henry, MJS Projects

By offering T level placements we have the opportunity for the student to really understand the careers they could pursue and what it is like to work on site and in the construction industry. In essence we give a 315 hour interview so they can understand us and we understand them. This would naturally lead to a degree apprenticeship. We find this path gives an excellent blend of education, practical learning and real experience resulting in excellent members of our team.



Employer Feedback

T Level Design, Surveying and Planning

Rob Panter, Canham Consulting

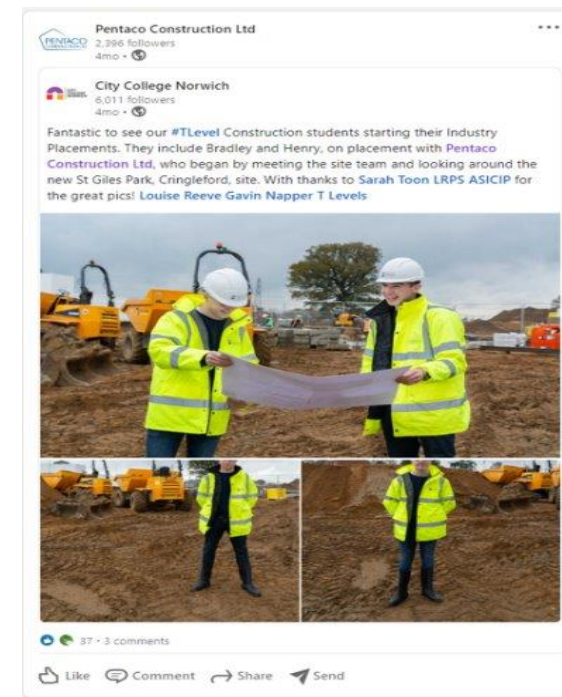
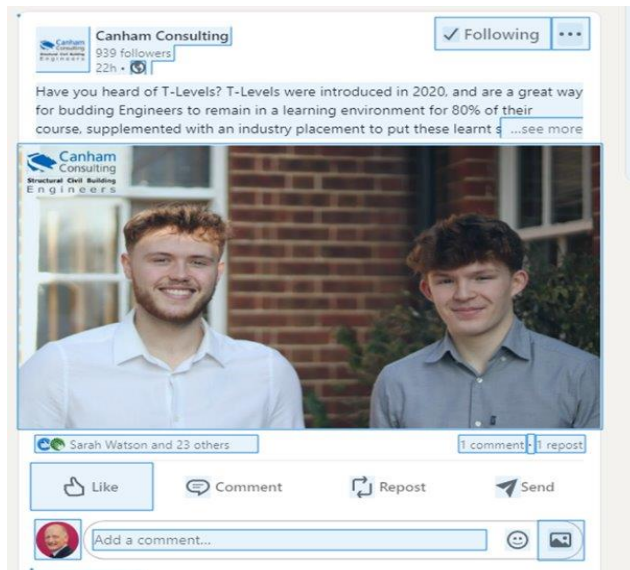
T-Levels provide a gradual and supportive way into the industry. With a reasonably generic course, the students will gain an appreciation of different aspects of construction that will help with whatever specialism they choose. From an employer's perspective, we like to support local educators and provide opportunities for students in the local community.

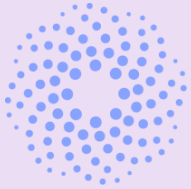


T Level Progression

Due to the continual and sustained employer engagement we have seen positive progression in our Construction T Levels.

70% of students who completed the T Level DSP in 2023 have secured higher apprenticeships with their placement employers.





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**Route: Construction and
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Bouygues UK

Carol Heneghan

The National T Level Conference
26th June 2024



BOUYGUES
UK

Scaled Up Construction T Levels

- **Creating Better Outcomes for Students**
- **Carol Heneghan**

June 2024

Bouygues Construction in the UK



Designers
Programmer
Civil Engineers
Project Managers
Quantity Surveyors
Supply Chain Specialist
Sustainability Specialist
3D Digital Specialist
Logistics Manager
Social Value Specialist
Marketing & Comms
Financial Controllers
Health & Safety Experts
Site Managers
MEP Engineers
HR Managers
Production Managers
Graphic Designers
3D Visualisers
Catering Manager
Lawyers

£4bn

Sales

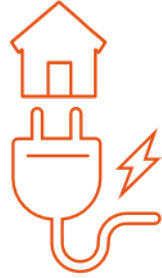
20,000

Employees

Hinkley Point C



€1.7bn



5 million

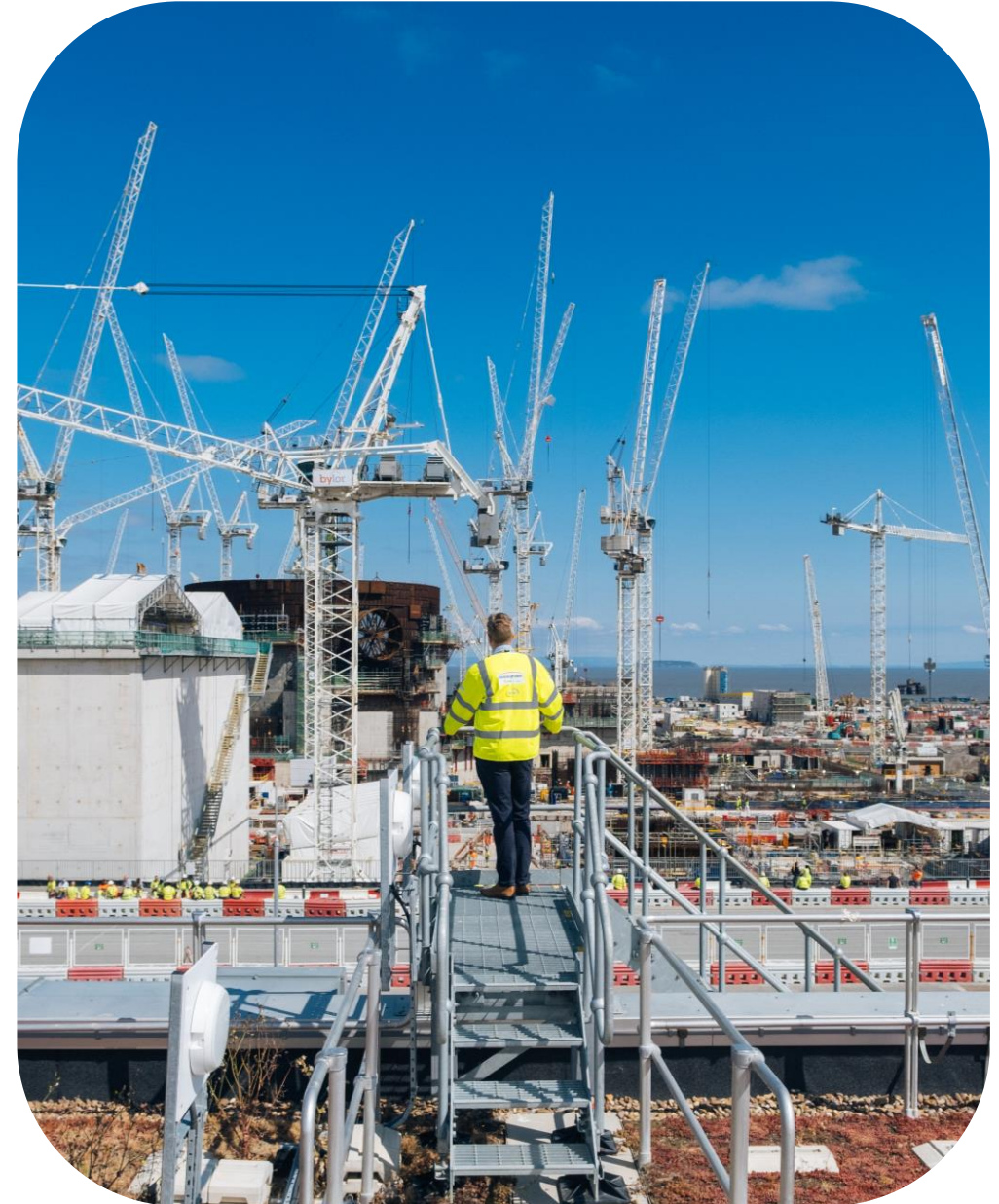


10/12 yrs

Big Carl!

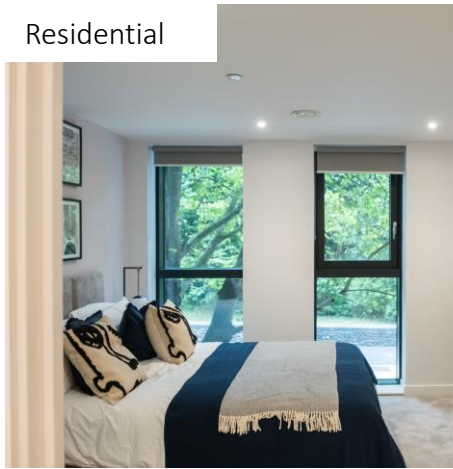


Civil Engineers | CAD & BIM Specialist | Stakeholder Engagement
Logistics | Structural Engineers | Temporary Works Engineers
Programme Managers | Crane Drivers



About Bouygues UK

Sectors



UK Fact Checks

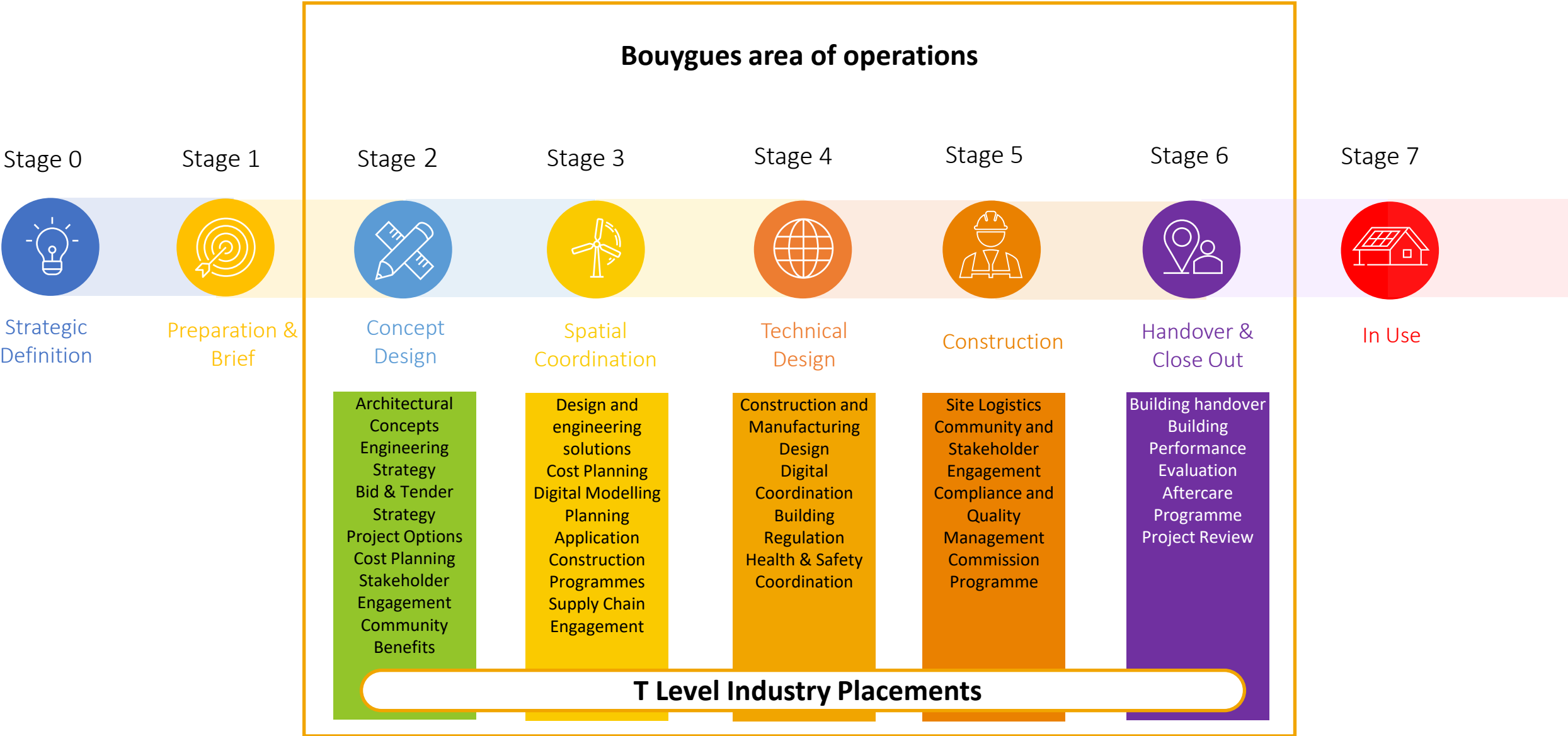
2.75m
Employees by 2028

600+
Roles

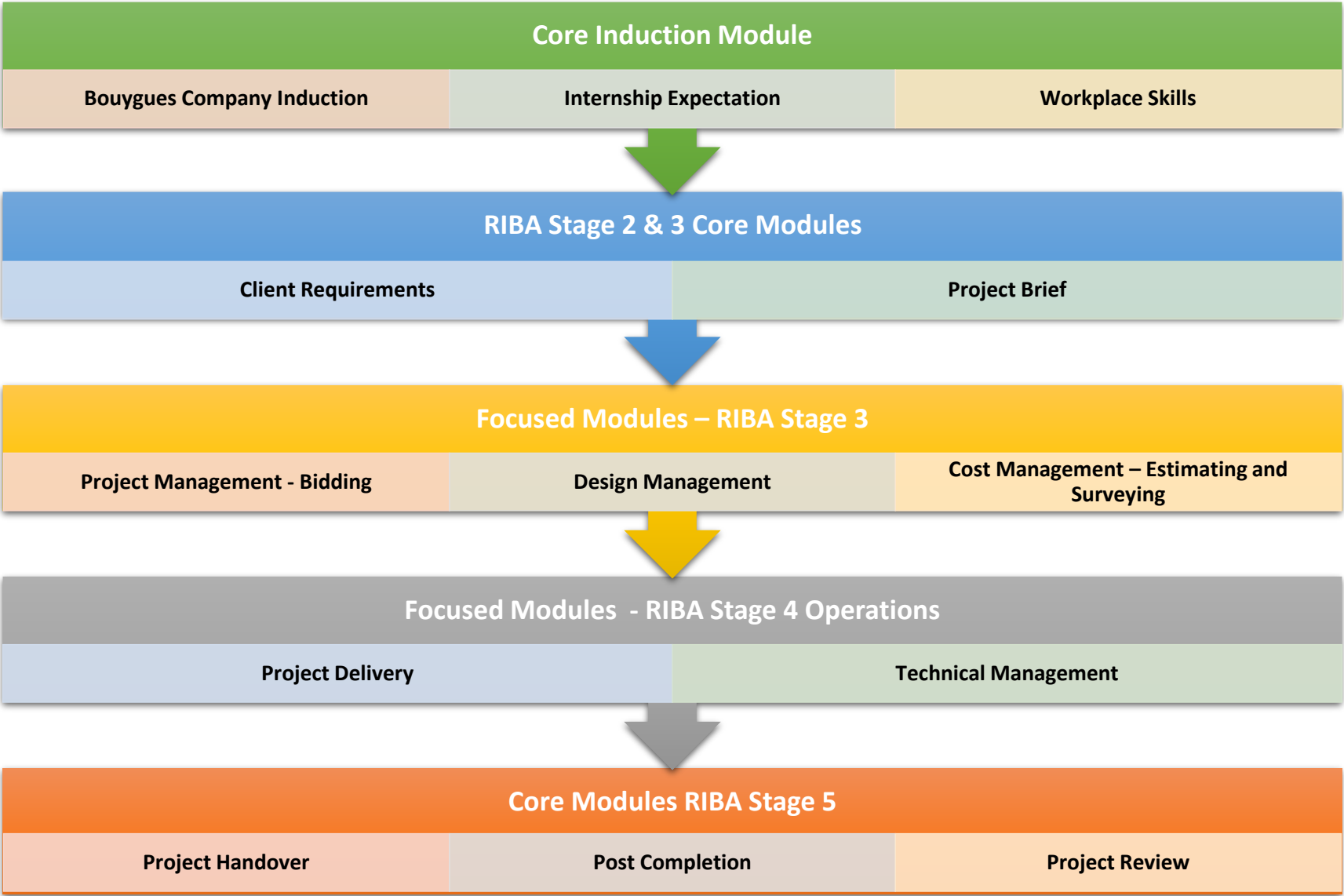
£45k
UK average salary

More than
STEM

• RIBA and T Level Industry Placement



Bouygues T Level Internship Programme



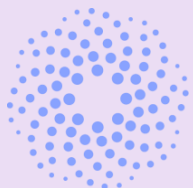


Thank you

Carol Heneghan

carol.heneghan@bouygues-uk.com





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Balfour Beatty Academy

Stuart Graham

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Awarding Body Update - Pearson Gabriel Staples

**The National T Level Conference
26th June 2024**

Construction: Design Surveying & Planning

gabriel.staples@pearson.com



Introduction

Profile: *An able, motivated learner wanting a construction career at technician- level and beyond, with real work experience*

Good GCSE grades in Maths, English. Other STEM Science, D&T, IT will help

Backed by major employers and professional bodies

Surveying and Design OS the most popular by a long way

Civil Engineering uptake starting to grow

Successes: Progression to HE, employment, e.g where they have impressed on placement

Still in growth phase with strong year-on-year growth

Overall pass rates positive

Support

Results Plus – service to analyse past performance

Exam Wizard - Build Past papers

Examiner Reports

Activities, worksheets, topic guides and case studies to support Core teaching

Projects for learners to practice

Occupational Specialisms in the same format used for live

Sample assessments, Grade Standard Exemplification

[Design, Surveying and Planning for Construction | Pearson qualifications](#)

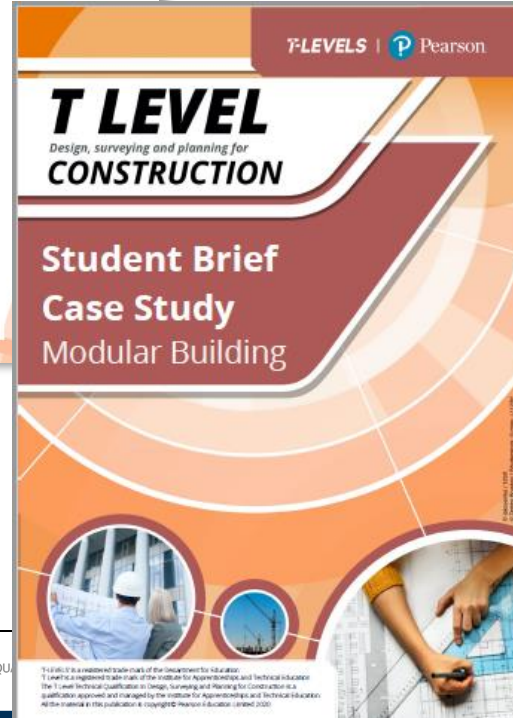
Planning a Modular Home Development



The layout is enriched by a variety of green areas ranging from private gardens to semi-private courtyard areas to communal village greens. In addition to the substantial soft landscape to the boundaries and within the site, the scheme includes dedicated children's play spaces on the southern boundary within a sustainably planted woodland environment. The landscape proposal will include provision for a pond within the village green with substantial trees and shrub planting to the pond perimeter.



T-LEVELS



Pearson | Qualifications

SUBJECTS | QUALIFICATIONS

Specification Course materials News

Our qualifications > T Levels > Design, Surveying and Planning for Construction

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T Level Technical Qualification in Design, Surveying and Planning for Construction

Select your student cohort start date: September 2020

Specification

Technical Qualification

Pearson undertakes an annual content review, which could impact the specification content. Please ensure that you're teaching from the correct specification by selecting (from the drop-down above) the start date of when your students commenced their T Level.

This specification is for students starting their T Level in **September 2020**.

Course materials

- > Specification and specimen assessment materials (47)
- > Assessment materials (74)
- > Exemplification materials (18)
- > Teaching and learning materials (29)

Teaching support and training

- > See our upcoming training events
- > Construction Engagement Hub

Annual Update

Change	Section	Page No.
'The Plan of Work (PoW)' has been added to the text.	What students need to learn	39
Updated to include 'a Plan of work' rather than 'the Digital Plan of Work (DPoW)'.	9.9.1	39
Information on administration of the assessment of each paper has been added.	Scheme of Assessment – Core Component	56-57
Information on administration of the assessment of the Employer Set Project has been added.	Scheme of Assessment – Employer Set Project	60
'trapezium rule' corrected to 'trapezoidal rule'	S1.12	73
The regulation under 'Legal obligations relating to pollution and waste: (K5.3)', bullet 'Water' has been updated.	S2.3	74
Information on administration of the assessment of each occupational specialism has been added.	Scheme of Assessment – all Occupational specialisms	86, 136, 196, 235
The bullet formatting under 'SolidWorks' has been updated for clarity.	S2.8	119
The text 'CAD (Revit) or equivalent software' has been updated to 'CAD (Revit or equivalent) software'.	S2.11	124
The bullet formatting under 'Digital design tools' has been updated for clarity.	S3.5	134
Environmental Act 1995 corrected to Environment Act 1995	K2.1	154
The bullet formatting under: <ul style="list-style-type: none"> 'Selection of materials used, dimensions and capacities, to include:' and 'Indirect hot-water systems:' 'The principles of the provision of simple, single-phase electrical systems:' have been updated for clarity.	K5.1	164 and 170
Text under 'Components – their use and behaviour in electrical and electronic circuits used in building services engineering: <ul style="list-style-type: none"> resistors' has been updated for clarity.	K5.1	170
Text under bullet 'safe working procedures for sampling' has been updated for clarity.	S2.8	222

Looking to the Future

Core topic resource materials from Gatsby (Pearson-approved)

2026 New OS 'Construction Management' – CIOB support as a potential route to their profession (*Gen 2, subject to contract award*)

Re-designing for the future - Your feedback is needed

<https://forms.office.com/r/mtsmmbmz7s>

Contact Us

Email :

teachingconstruction@pearson.com

Facebook :

[Join the T level DSP in Construction group](#)

Phone :

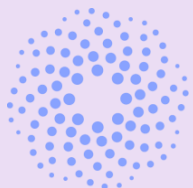
[+44 \(0\) 344 463 2535](#) Teaching Services team

[Access the construction community](#)

[Access the customer support portal](#)

[Sign up to receive subject advisor updates](#)

[Book a 15 minutes MS Teams meeting with your subject advisor](#)



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Awarding Body Update - City & Guilds

Paul Brown

The National T Level Conference
26th June 2024

T-LEVELS



Institute for Apprenticeships
& Technical Education

Onsite Construction and Building Service Engineering (BSE) for Construction

Elland Road 26th June 2024

Paul Brown
City and Guilds Technical Advisor

City
& Guilds

ear[®]

City and Guilds Onsite Construction and BSE T Level Team



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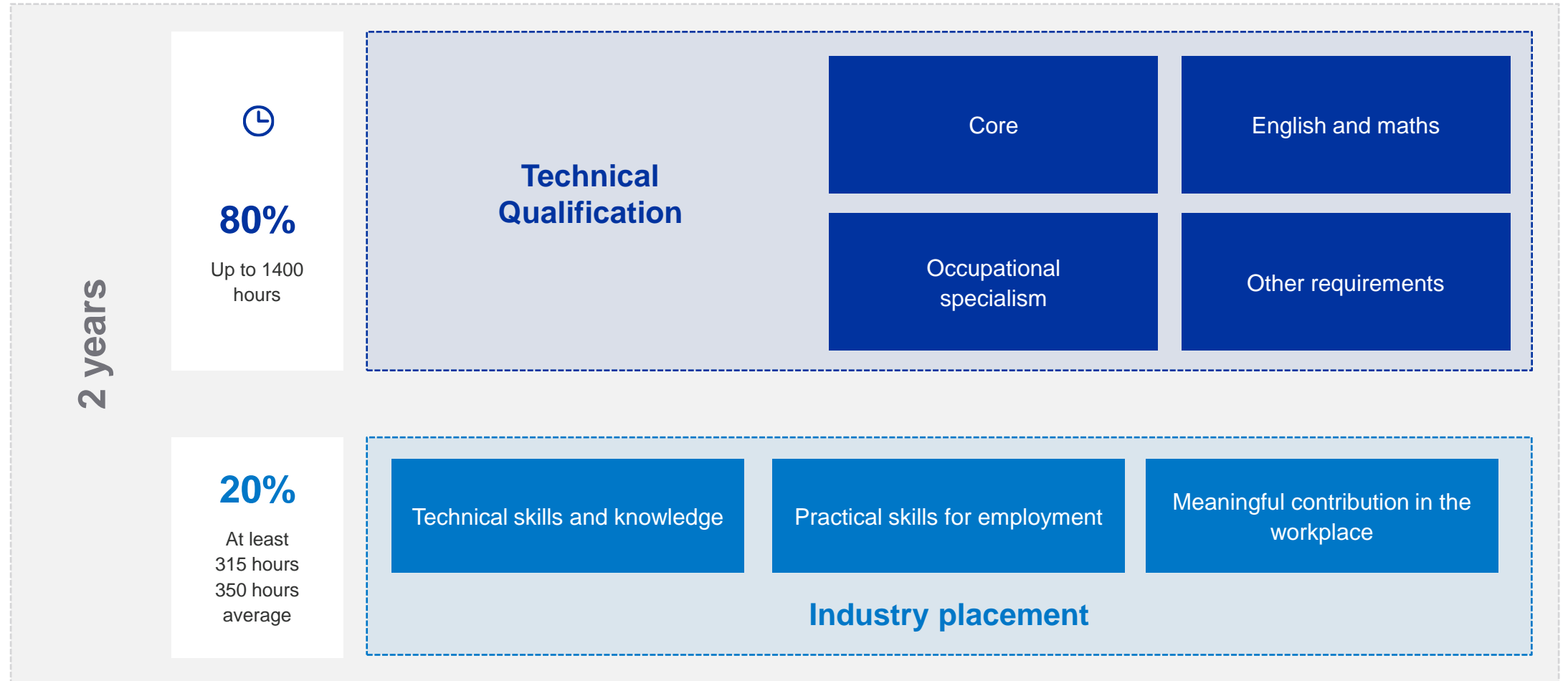
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The T Level Course



[Industry Placement Delivery Guidance \(publishing.service.gov.uk\)](https://publishing.service.gov.uk)

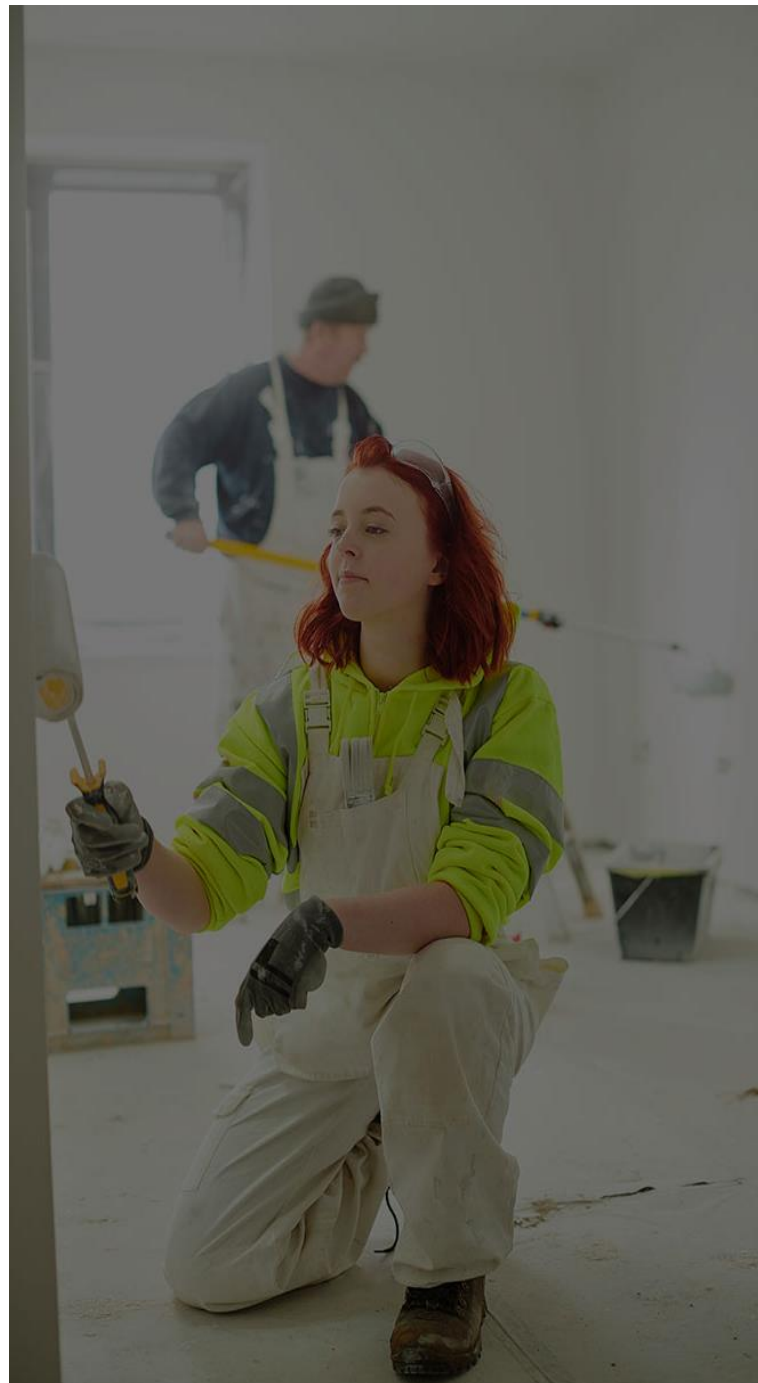
Onsite Construction Technical Qualification C&Gs 8711

Learners must complete:

- The Construction core which is set and marked by C&Gs and assessed by:
- A core exam consisting of 2 externally set question papers
- An employer set project

Plus:

- One occupational specialism Which is set by C&GS and assessed by:
- An internally marked and externally moderated practical synoptic assignment for each occupational specialism



Occupational Specialisms:



Onsite
Construction Core



Carpentry
& Joinery



Plastering



Painting &
Decorating



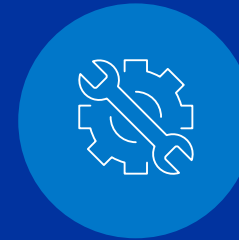
Bricklaying

Building Services Engineering Technical Qualification C&Gs 8710

To achieve the T Level Technical Qualification in Building Services Engineering (BSE) for Construction you'll need to complete the two components of the TQ. These are known as the core component and the occupational specialism. You'll have the choice of studying one standalone occupational specialism or a combination of specialisms as listed below:

Core

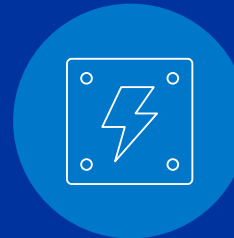
(Assessed by two externally set and marked exams and an employer set project)



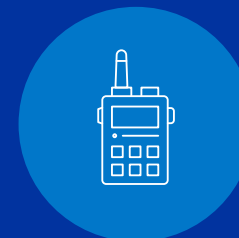
Building Services Engineering

Group A Standalone Occupational Specialisms:

Occupational Specialism, either grouped (bottom set) or single (top set) (Which is assessed by a practical assignment for each Occupational Specialism)



Electrotechnical engineering



Electrical and Electronic equipment engineering



Protection system engineering



Gas engineering

Group B Combination Occupational Specialisms:



Plumbing engineering



Heating engineering



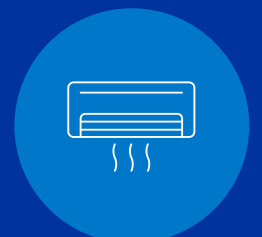
Heating engineering



Ventilation



Refrigeration engineering



Air condition engineering

Resources supporting T levels

[Resource Hub - T Levels | City & Guilds \(cityandguilds.com\)](#)

[Website navigation video for T Level support materials \(youtube.com\)](#)

[T Level Technical Qualification in Building Services Engineering for Construction qualifications and training courses | City & Guilds \(cityandguilds.com\)](#)

[T level Technical Qualification in Onsite Construction qualifications and training courses | City & Guilds \(cityandguilds.com\)](#)

On-demand webinars

These webinars are available to access throughout the year, meaning you can dip into them whenever you need. These webinars are hosted on GoToWebinar therefore you will need to input some information to access them.

[Events and webinars - T Levels | City & Guilds \(cityandguilds.com\)](https://cityandguilds.com/events-and-webinars-t-levels)

Onsite Construction & BSE T Level introduction

This is a high-level introduction to the Onsite Construction and BSE T Level, looking at the structure, the comparison to apprenticeships and an introduction to the City & Guilds team.

T Level introduction

[Watch on-demand](#)

[Download the slides](#)

Curriculum planning

To support in the preparation to deliver T Levels our Technical Advisors look at possible curriculum plans and delivery models. Topics covered include what delivery looks like, key dates, examples of curriculum plans and assessment window.

If you haven't already seen our [sample curriculum plans](#), you can download these from the [T Levels Resource Hub](#).

Curriculum planning

[Watch on-demand](#)

[Download the slides](#)



Preparation for core exams and assessments

Our Technical Advisors discuss the key aspects related to the core exams, including:

- Rules for assessments and resits
- Grading
- Core example assessments
- Support available for exam delivery & techniques

Please note, this webinar was recorded before the recent core exams and ESP decoupling confirmation.

Core exams

[Watch on-demand](#)

[Download the slides](#)

Preparation for the Employer-Set Project assessment

Our Technical Advisors discuss the key aspects related to the delivery of the ESP, including:

- Soft skills
- Delivery styles
- Assessment principles
- Question structure
- Structure of ESP
- Delivery of ESP

Please note, this webinar was recorded before the recent core exams and ESP decoupling confirmation.

ESP delivery

[Watch on-demand](#)

[Download the slides](#)

Preparation for Occupational Specialism assessments

Join our Technical Advisors for a question-and-answer session, looking specifically at delivering the Occupational Specialism assignments.

OS assessments

[Watch on-demand](#)

[Download the slides](#)



Supporting delivery with Hodder Education T Level Core: Building Services Engineering and Construction Onsite

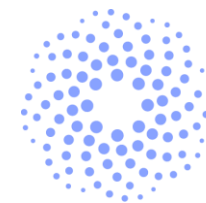


- Complete coverage of T Level's core component
- Prepares students for core exams and ESP
- Available in print and digital formats
- E-mail Tom Randall if you would like to request sample chapter
- tom.randall@hoddereducation.co.uk
- [Link](#) to Hodder Website



[Link](#) to Hodder Website also has the link to the mapping grids (bottom of the webpage) which can show how other books can deliver the Occupational Specialism

<https://www.cityandguilds.com/tlevels/resources>



Technical
Education
Networks



Question & Answer Session

Q Delivering T Levels is more time consuming than any other construction trade qual. Is there plans to reduce the level of workload placed on tutors?

Q Why is there such a lack of trade specific theory in the core component of the Onsite Construction T Level?

Q Should the AM2 qualification be part of the T Level qualification?

Q Should we be teaching outside of the curriculum to develop knowledge and skills?

Q Foundation programme; how are you running the programme and linking NTO's? Can you give some examples of the projects you have planned?

Q Parents, students and employers don't understand the titles of the t level courses, will they change them to T Level Plumbing, T Level Joinery etc?

If you are interested in obtaining responses for the above questions please contact the session chair, Dominic Martinez (dominic.martinez@gatsby.org.uk) who is collating responses from various stakeholders

Key Contacts

- **Laing O'Rourke** – Scott Bell: sjbell@laingorourke.com
- **TESP** – Kate Wilson: Kate.Wilson@netservices.org.uk
- **City College Norwich**: Liv Bradley Liv.Bradley@ccn.ac.uk
- **Bouygues** – Carol Heneghan: carol.heneghan@bouygues-uk.com
- **Balfour Beatty Academy** – Stuart Graham: education@balfourbeatty.com
- **Pearson** – Gabriel Staples: gabriel.staples@pearson.com
- **City & Guilds** – Paul Brown: paul.brown@cityandguilds.com
- **Gatsby** – Dominic Martinez: Dominic.Martinez@gatsby.org.uk

Additional Gatsby Support for T Levels

< RESEARCH

Macro-sequencing (Construction)

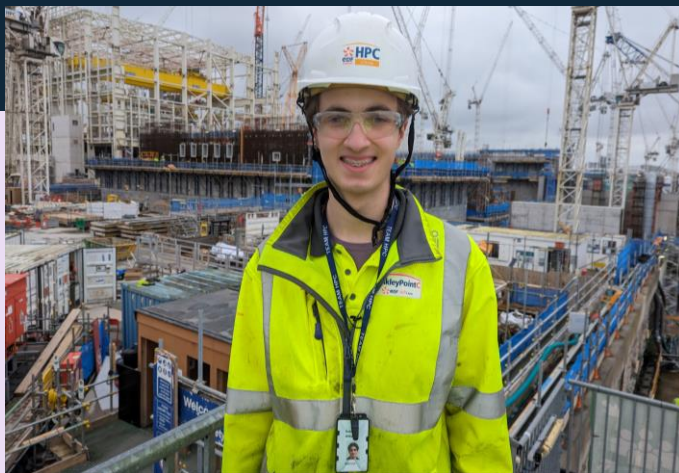
19/06/2024 | Contact TEN@gatsby.org.uk

Together with the Association of Colleges (AoC), Gatsby carried out a research project exploring the macro-sequencing of T-level curriculum, with a focus on five technical education routes.

Construction



Technical
Education
Networks



Teaching topics in production

Modern methods of construction

Construction maths

Construction law

[Research - Technical Education Networks](#)

Any questions please contact:
kelly.butterworth@gatsby.org.uk



Technical
Education
Networks

[Agriculture](#)[Construction](#)[Digital](#)[Engineering and
Manufacturing](#)[Health and
Science](#)

Supporting Technical Education Teachers

The Technical Education Networks programme supports teachers to deliver an engaging and enriched curriculum for their students in an evolving education landscape. The programme draws on the expertise of specialist teachers, employers and professional bodies. With insight from these groups we develop free teaching resources, commission research and host events to support subject-specific pedagogy and sharing of practice.

↓ [Explore](#)

We focus on five technical education routes: Agriculture, Environmental and Animal Care, Construction and the Built Environment, Digital, Engineering and Manufacturing, Health and Science. At the heart of each route is an expert group network – including teachers, employers and industry bodies – who collaborate to guide the focus of all the outputs below, to ensure relevance and quality, supporting teachers bringing industry and the classroom closer together.



Research



Teaching Resources



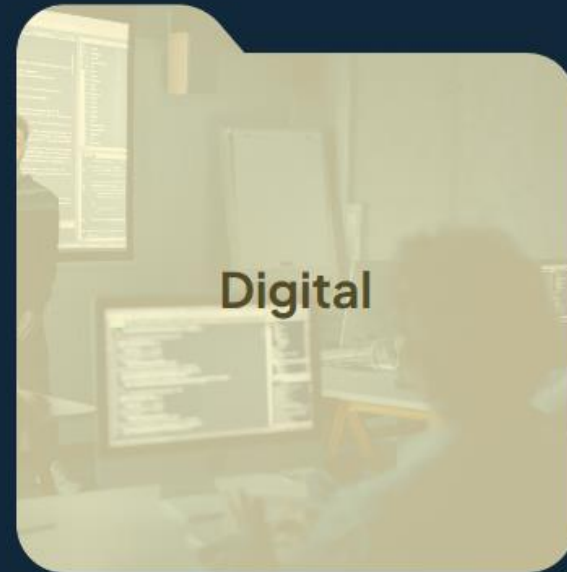
Updates



Agriculture



Construction



Digital



Macro-sequencing (Construction)

19/06/2024

| **Contact** TEN@gatsby.org.uk

Together with the Association of Colleges (AoC), Gatsby carried out a research project exploring the macro-sequencing of T-level curriculum, with a focus on five technical education routes.

Construction

Macro-sequencing is a structured and logical progression of a programme informed by strong pedagogical decisions. This research, in partnership with the Association of Colleges, has collated feedback from 55 providers who took part in the research: 24 completed a survey, 51 had in-depth interviews, and 55 attended focus groups between January and August 2023. This research presents three models for the macro-sequencing of the T Level Design, Surveying and Planning, T Level Building Services Engineering and T Level Onsite Construction together with feedback on implementing diagnostic assessments, sequencing core and occupational specialism content, embedding skills into the curriculum and implementing industry placements.

The complete research resource can be found here:



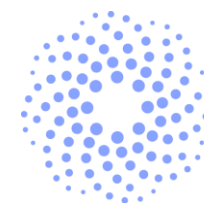
Additional Gatsby Support for T Levels



- The National Apprenticeship and Skills Awards will be celebrating its 21st anniversary in 2024 and for the very first time will include awards to recognise T Level students and employers.
- The awards are designed to recognise and reward the achievements of exceptional apprentices and T Level students, skills champions and apprenticeship and T Level employers.
- Applications are now open. Visit the website for more information and to nominate your students and employer partners: appawards.co.uk

Additional Gatsby Support for T Levels

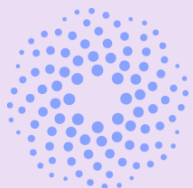
- [Destinations](#) - If you would like to see your students featured in future videos, please contact sarah.herdan@gatsby.org.uk
- [Post T Level Competency Assessment in Onsite Construction](#) to provide the CSCS Gold Skilled Work card to T Level graduates
- Gatsby is funding a project to support new collaborative curriculum planning networks, each working with a small group of colleges and facilitated by experienced FE curriculum professionals. The focus for each group will be shaped by the network members to support practical next steps for curriculum reform implementation.
- If you have employer/project ideas in T Level construction - [contact us](#)



Technical
Education
Networks

**Don't just take it from us,
here's what T Level
students themselves have
to say...**

- <https://vimeo.com/969777728>



**Technical
Education
Networks**



**Route: Construction and
the Built Environment**

Thank you for attending

The National T Level Conference
26th June 2024