

T Level TQs in Onsite Construction and Building Services Engineering – an introduction for September 2022 delivery

T-LEVELS

 Institute for Apprenticeship
& Technical Education

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City &
Guilds

 eal

How do T Levels compare?



A Levels

Subject-based qualifications

two years
at local college or school



T Levels

2-year technical programmes at
Local colleges, schools, training providers
80% classroom based
20% in a placement

Includes **Industry Placements** to build
attitudes and
behaviours
and to develop
practical skills



Apprenticeship Level 2/3

at least 12 months
work-based training

80% on the job
20% off the job

Followed by possible progression to:



Higher Education



Skilled Employment



Progression onto an
Apprenticeship




Higher / Degree
Apprenticeship



How is a T Level different from an Apprenticeship?

- T Levels and Apprenticeships are based on the same employer designed standards but will suit different learning styles.
- Apprenticeships are paid work, suitable for learners who know what occupation they want to pursue and wish to train 'on the job'.
- T Levels are largely classroom based, with a substantive industry placement
- T Levels offer a broader course content, and students will specialise later in their programme. The content of Apprenticeships is narrower and focussed on a specific occupation from the outset.
- T Level is the new 'gold standard' in technical education and the technical course of choice for learners in the future.

The Road Ahead: 2020 to 2023

Route	Pathway	Delivery	Awarding Organisation
 Construction	Design, Surveying and Planning for Construction	2020	Pearson
	Onsite Construction	2021	City & Guilds
	Building Services Engineering for Construction	2021	City & Guilds/EAL
 Education & Childcare	Education and Childcare	2020	NCFE
 Digital	Digital Production, Design and Development	2020	Pearson
	Digital Support Services	2021	NCFE
	Digital Business Services	2021	NCFE
 Health & Science	Health	2021	NCFE
	Healthcare Science	2021	NCFE
	Science	2021	NCFE
 Legal, Finance & Accounting	Legal	2023	Pearson
	Finance	2022	Pearson
	Accounting	2022	Pearson

The Road Ahead: 2020 to 2023 cont...

Route	Pathway	Delivery	Awarding Organisation
 Engineering & Manufacturing	Design and Development for Engineering and Manufacturing	2022	City & Guilds/EAL
	Maintenance, Installation and Repair for Engineering and Manufacturing	2022	City & Guilds/EAL
	Engineering, Manufacturing, Processing and Control	2022	City & Guilds/EAL
 Business & Administration	Management and Administration	2022	City & Guilds
	Human Resources	2023	TBC
 Hair & Beauty	Hair, Beauty and Aesthetics	2023	NCFE
 Creative & Design	Craft and Design	2023	NCFE
	Media, Broadcast and Production	2023	NCFE
 Catering & Hospitality	Catering	2023	Highfields
 Agriculture, Environmental & Animal Care	Animal Care and Management	2023	City & Guilds
	Agriculture, Land Management and Production	2023	City & Guilds

The Structure of T Levels

T Level qualification

- Approximately 1,800 hours over two years
- Learners will need to achieve all elements to receive their T Level certificate.
- Subject content is set by T Level employer panels, developed by Awarding Organisations (AOs), and approved by the Institute for Apprenticeships & Technical Education ("the Institute"). The Institute then oversees the delivery of the qualifications to providers by AOs.

Technical Qualification (TQ)

Between 900-1400 hours / Undertaken in a college / school-based setting

Core Component

- Knowledge and understanding of the concepts, theories and principles relevant to the T Level and the broader route.
- Core skills relevant to the T Level.
- *Assessed through an external examination, and a substantial employer set project (ESP) undertaken in the classroom setting and set by Awarding Organisation (AO) employer panels.*

Occupational Specialism(s)

- Knowledge, skills and behaviours required to achieve threshold competence in an occupational specialism.
- Maths, English and digital skills are included where necessary to achieve threshold competence.
- Students must complete at least one occupational specialism.
- *Assessed synoptically through rigorous practical assignments.*

T Level Industry Placement

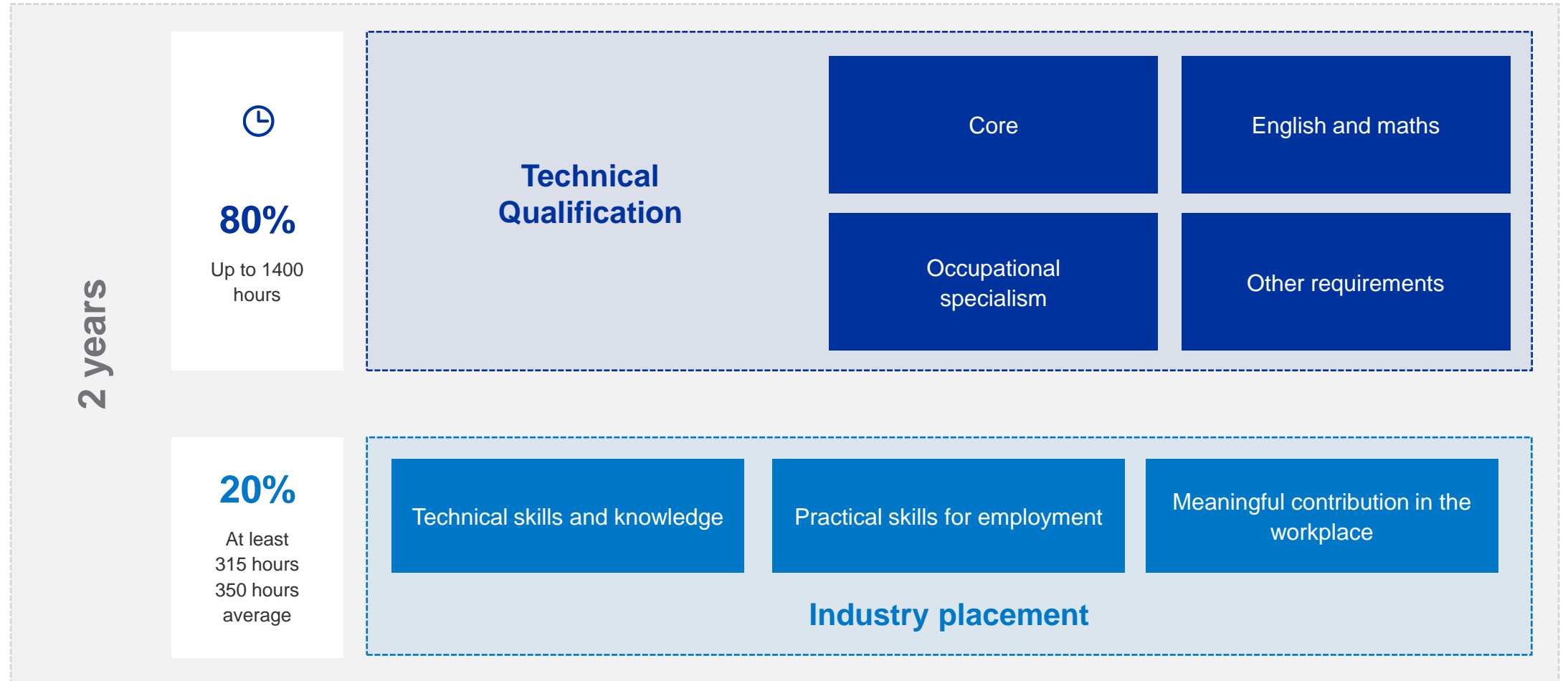
- Undertaken in an employer setting.
- Minimum of 45 days, *between 315-420 hours*.
- Students develop technical skills and apply their knowledge in a workplace environment.
- Provider should pay / contribute to travel and subsistence costs, if not covered by the employer.
- Employers are not expected to pay students

Other Requirements

- T Level panels may set occupation-specific requirements, if they are essential for skilled employment, e.g. a licence to practice qualification or professional qualification.

Employability, Enrichment & Pastoral Requirements

The T Level Programme



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Construction and BSE

City & Guilds

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Construction and BSE T Level Team



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Don't miss out...

Sign up for T Level information

To ensure you receive all the latest information and updates regarding the Construction Onsite and BSE T Levels including our events, networks and webinars sign up via the link below adding your details into the relevant areas on the webpage.

<https://www.cityandguilds.com/tlevels/construction-bse>

Sign up here to receive emails with the latest T Levels information

Contact details

First Name *

Last Name *

Job Role *

Email *

Telephone Number *

Next

Developed by Industry for Industry

Start your career in Onsite Construction
with a T Level

Overview of the Technical Qualification

To achieve the T Level Technical Qualification in Onsite 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 alongside the core component:

Core

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



Onsite Construction

Group B Combination Occupational Specialisms:

(Assessed by an externally set and moderated practical synoptic assignment)



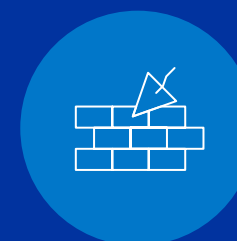
Carpentry & joinery



Plastering



Painting & decorating



Bricklaying

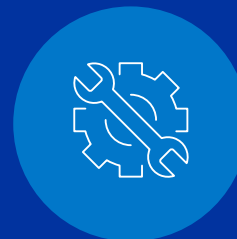
Start your career in Building Services Engineering with a T Level

Overview of the Technical Qualification

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

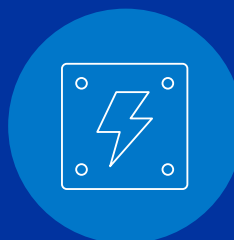
(Assessed by two externally set and marked exams and an employer set project)



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



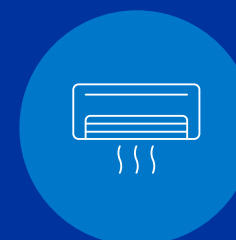
Heating engineering



Ventilation



Refrigeration engineering



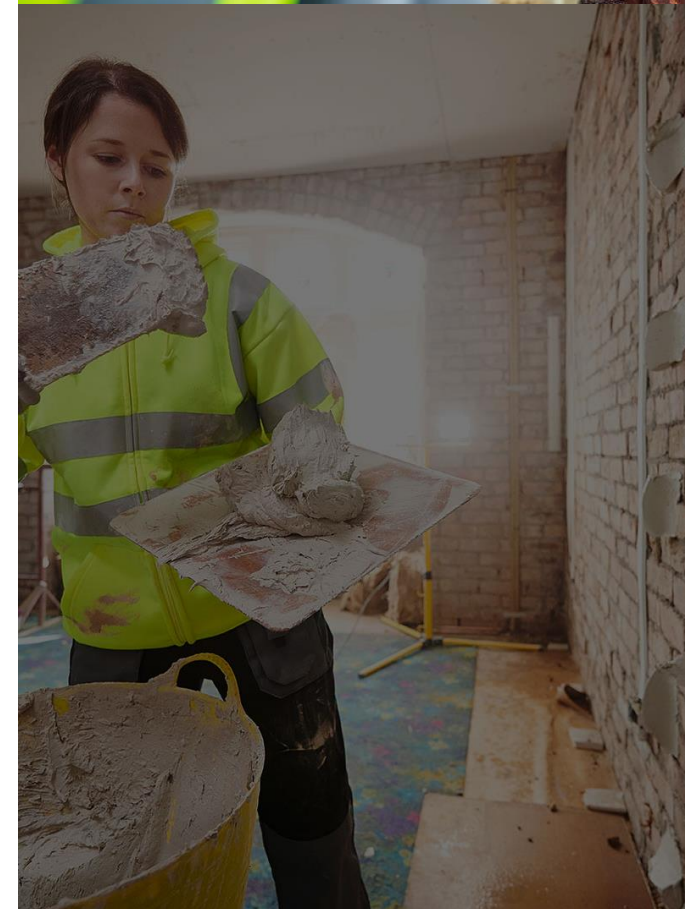
Air condition engineering

T Level Technical Qualifications


Onsite construction	
8711 - 30	Core
8711 - 35	Bricklaying
8711 - 36	Carpentry and joinery
8711 - 37	Painting and decorating
8711 - 38	Plastering

Registration information-
Core first before OS

Building Services Engineering	
8710 - 30	Core
8710 - 32	Electrical and electronic equipment engineering
8710 - 33	Electrotechnical engineering
8710 - 34	Gas engineering
8710 - 35	Plumbing and heating engineering
8710 - 36	Heating engineering and ventilation
8710 - 37	Protection systems engineering
8710 - 38	Air conditioning and Refrigeration engineering
8710 - 32	Electrical and electronic equipment engineering



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Industry Placement

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Industry Placement

Every T Level includes an industry placement with an employer focused on developing the practical and technical skills required for the occupation. These will last a minimum of 315 hours (approximately 45 days) but can last longer.

Providers will ensure learners have an industry placement and will support employers offering industry placements.

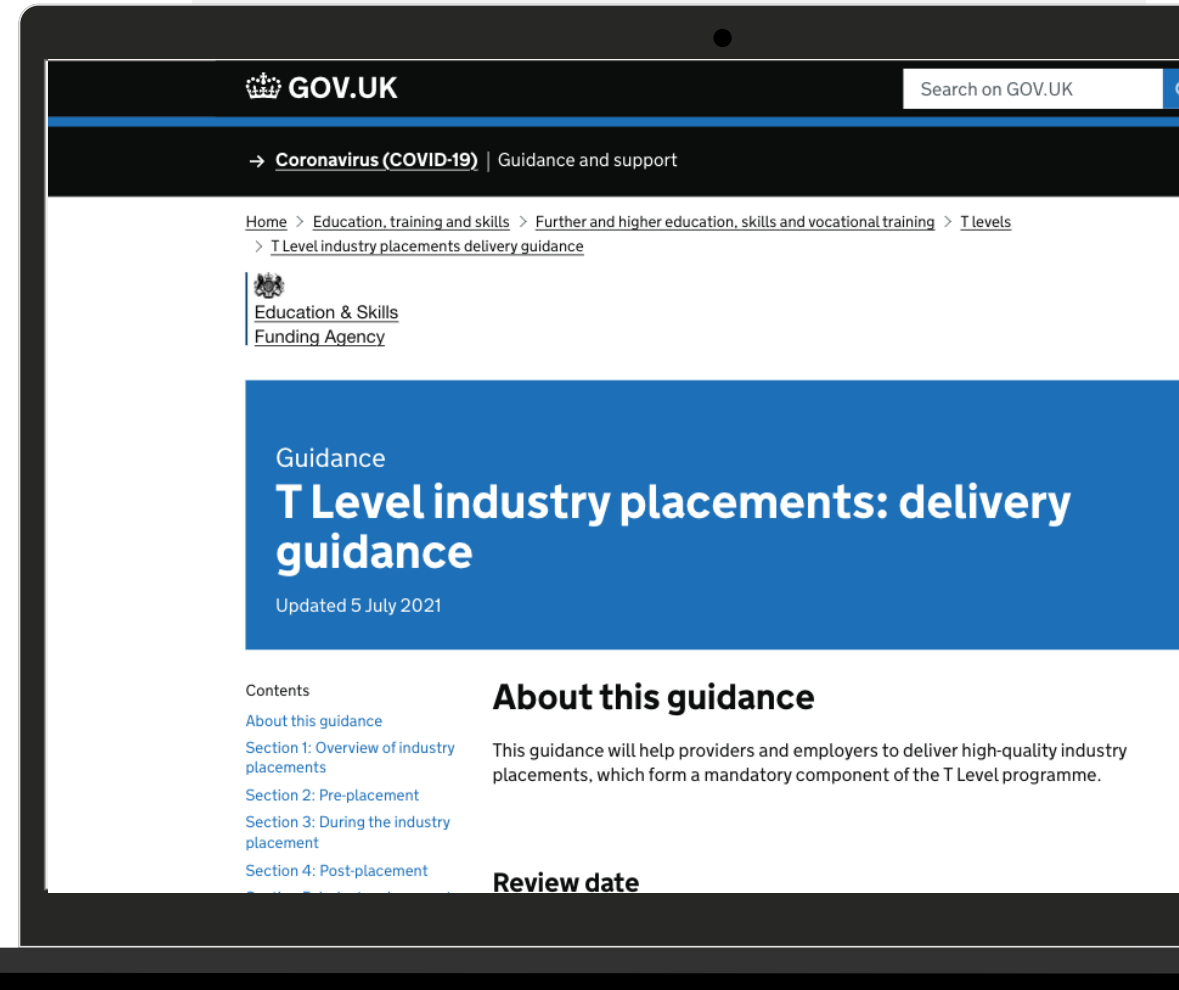
This will include assistance with the necessary paperwork, a careful planning process and support with designing the industry placement.

The Education and Skills Funding Agency (ESFA) and National Apprenticeship Service (part of ESFA) are working with employers and providers on industry placements.

Read the updated Industry placement policy (March 2021)

So, what are industry placements?

- Time spent learning and working within an organisation
- Making a meaningful contribution within that organisation
- Occupationally-specific – developing practical and technical skills in the subject the student is studying
- A requirement for all T Level learners from September 2020 and, for learners on other vocational programmes
- Employers can offer industry placements as a block, day release or a mix of these, and can discuss sharing part of the placement with another employer if necessary.
- Incentive Payment of £1,000 is paid to an Employer for delivering a T Level Industry Placement which commences between 27 May 2021 and 31 July 2022.



Take a look at Government guidelines [here](#)



Useful tips for providers to look for within a placement

Does the employer and placement.....

- offer a safe working environment
- incorporate an induction
- offer relevant tasks and projects for students that will help them learn the knowledge and skills
- offer appropriate equipment and resources
- provide a mentor or supervisor which can support the student
- ensure a review procedure is in place (for both the learner and the provider)
- If successful can this placement be used again?

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Paid for resources: supporting delivery with Hodder Education

Hodder Education Resources

Publishing details for the two books are as follows:

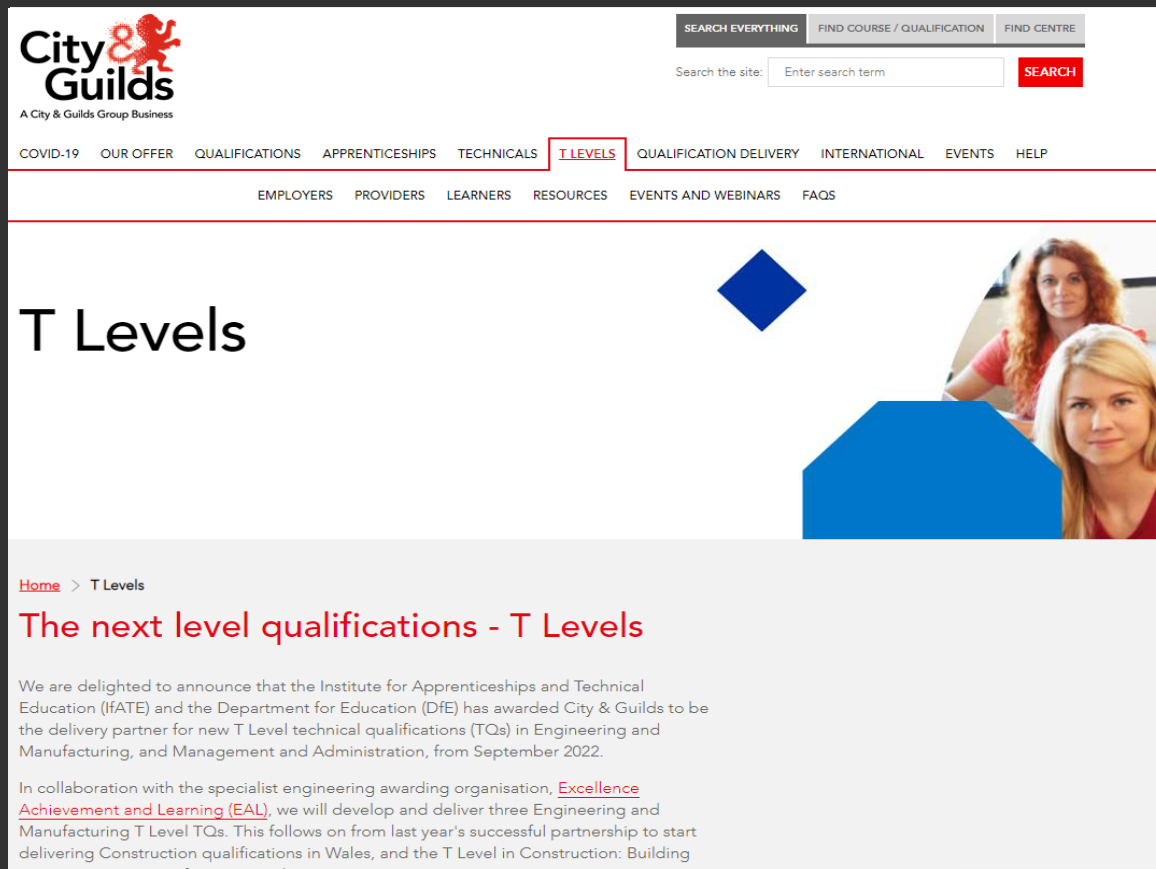
Building Services Engineering for Construction T Level: Core (9781398332874, Spring 2022, 416 pp, £34)

On-site Construction T Level: Core (9781398332904, Spring 2022, 320 pp, £34)

Mapping grids: Current Hodder trade textbooks to Occupational Specialisms. Accessed [here](#).

[Hodder T Level webpage](#)





Support and Guidance

Ready to Support eligible providers and stakeholder engagement

- Delivery Resources
- Updated webpage for T Levels
- Timeline
- Planning and delivery resources
- Provider focus groups
- Employer Industry Boards
- e-bulletins
- Draft specification
- Dedicated Technical Advisors

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

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Thank you

September 2021

Let us know your feedback-

<https://tinyurl.com/3mzefu5t>

About City & Guilds

Founded in 1878 to develop the knowledge, skills, and behaviours needed to help businesses thrive, we offer a broad and imaginative range of products and services that help people achieve their potential through work-based learning. We believe in a world where people and organisations have the confidence and capabilities to prosper, today and in the future. So we work with likeminded partners to develop the skills that industries demand across the world.

About EAL

EAL is the specialist awarding organisation for engineering and manufacturing [qualifications and apprenticeships](#). We invest in the industries we serve and the careers of those within them. Our unrivalled understanding of employer skills needs stems from decades of experience forging industry partnerships. That's why employers trust our skills solutions to deliver real career benefits for learners.

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