

NFEC T Level webinar – Engineering and Manufacturing

December 2020

Agenda

- Welcome
- City & Guilds and EAL partnership
- T Level Technical Qualifications update
- Our approach to design and development
- Q&A





Won all three E&M contracts!

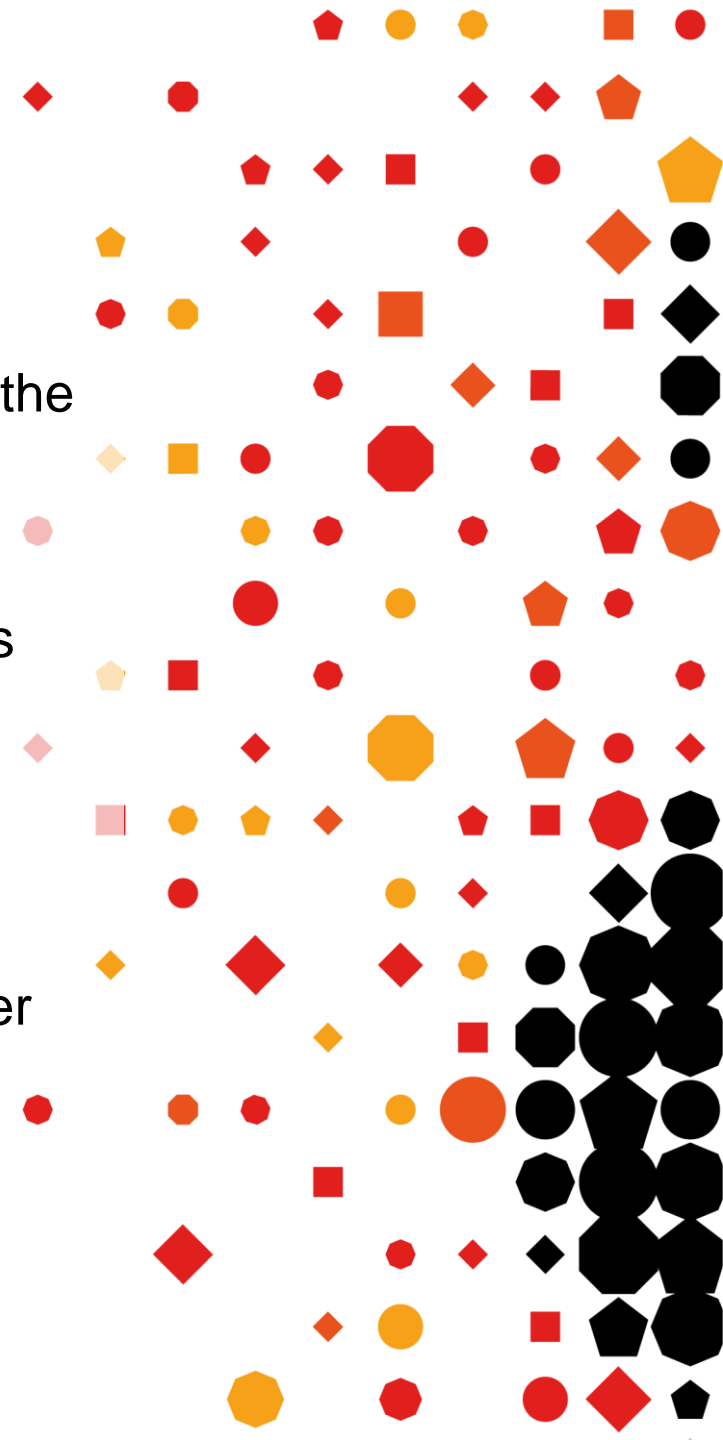
A City & Guilds and EAL partnership

For the development and delivery of these Technical Qualifications (TQs) in the T Levels, City & Guilds are working in collaboration with **Excellence Achievement and Learning (EAL)**

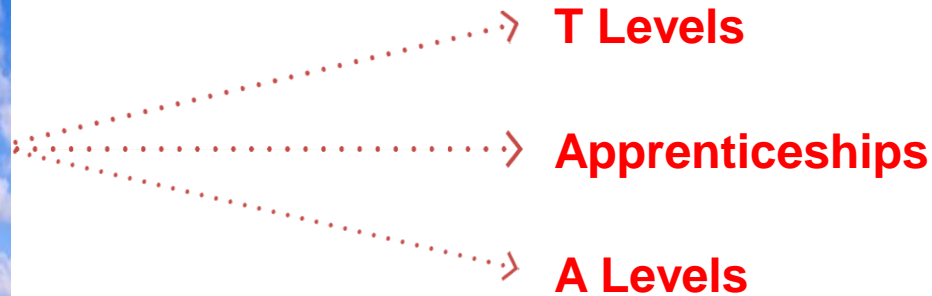
EAL will be providing technical expertise and access to key employer groups alongside supporting the wider customer journey and onboarding.

Together we have shared values for the development of the TQs;

- Focus on quality
- Currency of content
- Meet the policy vision of T levels
- Driving up standards
- Meeting learner and employer needs



What are T Levels?



T Levels will become **1 of 3** major options when a student reaches Level 3

Key principles

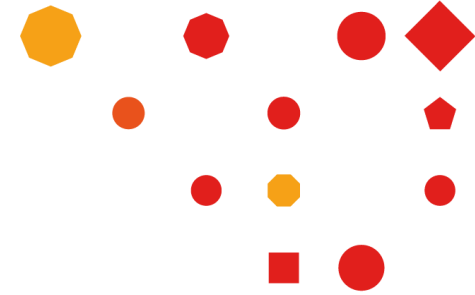
To ensure the skills system responds to the changing labour market, employers, providers and other partners need to be involved in both design and delivery.

Co-creation: shaping occupational standards and designing wider T Level content.

Co-delivery: employers offering industry placements to T Level students so they can apply the knowledge and skills they have learnt in college.

T Level programme composition

1800 hours over two years. Achievement of T Level must include all components.
UCAS points will be attached and will be equivalent to 3 A levels.



CORE

50% Total TQ time

Graded A* - E

Core 1 Concepts & theories

Core 2 Transferable/Core skills

Assessment:

- External exam
- Substantial employer set project

OCCUPATIONAL SPECIALISM

50% Total TQ time

Graded Pass/merit/distinction

Based on occupational maps

No less than 50% of the total qualification
planned time

Assessment:

- Synoptic practical assignment(s)

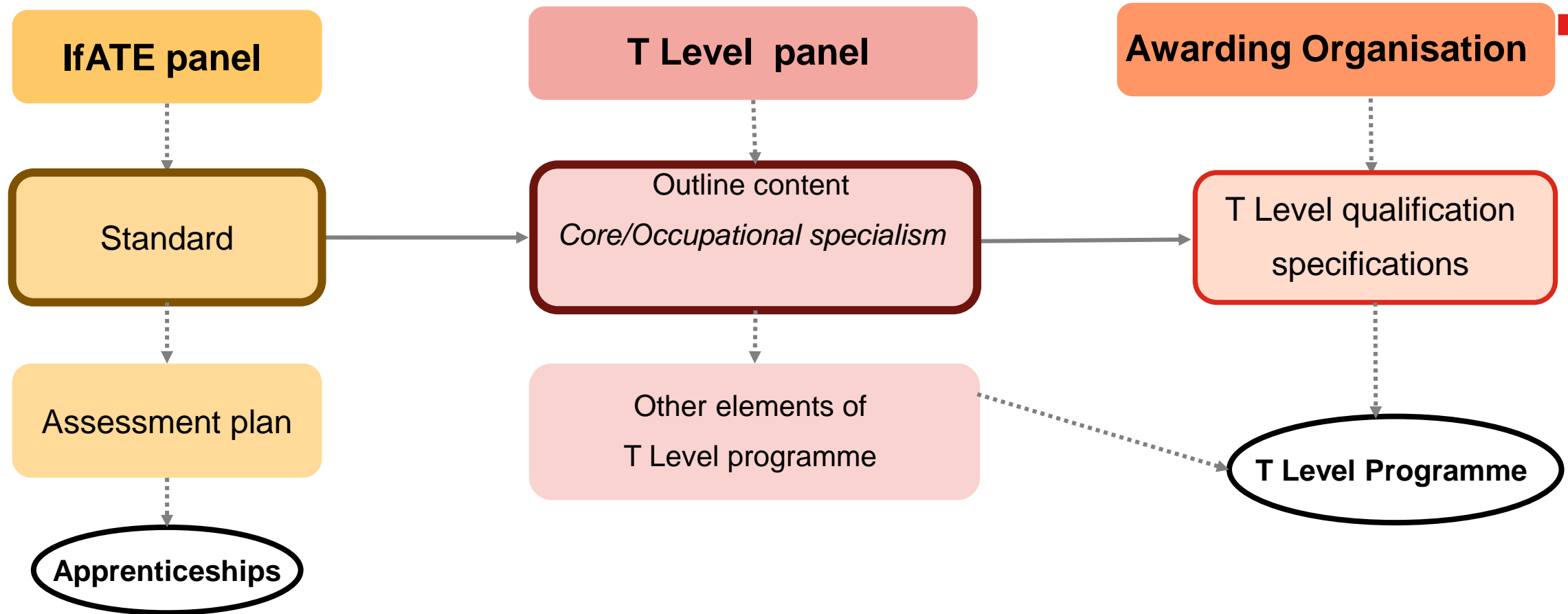
**WORK
PLACEMENT**
315-420 hours
Min 45-60 days

**Maths, English and
digital skills**
GCSE or Functional
Skills Level 2

LTP
(other requirements
set by T Level panel)

**Enrichment
– tutorial**

Standards to T Level development and relationship to apprenticeships



T Levels are based on the same set of standards at level 3, so the maps also indicate the occupations that will be covered by T Levels, apart from those identified by the Post-16 Skills Plan as being appropriate solely for apprenticeships.



Key Facts about T Levels

- C&G/EAL partnership to deliver all 3 pathways within Engineering and Manufacturing – 5 year contract
- Eligible providers must be approved by DfE in the first instance
- Each TQ is based on content developed by an employer panel
- The Institute are the certificating authority and own the IP not the AO
- The winning AO is the development and assessment partner and do not produce a certificate for the learner
- T Levels are a programme not a qualification.

Technical Qualification overview for Engineering:

Engineering Core Component

Pathway Core Component

Pathways:

Maintenance, Installation &
Repair for Engineering &
Manufacturing

Engineering, Manufacturing, Processing
and Control

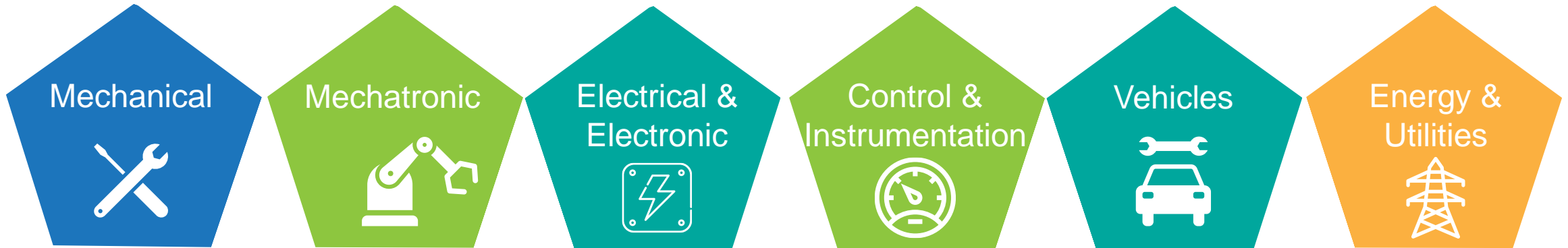
Design & Development for
Engineering & Manufacturing

- Learners must complete:**
- Engineering Core
 - 1 Pathway Core
 - 1 Occupational specialism within a pathway

Route: Engineering and Manufacturing

PATHWAY - Maintenance, Installation and Repair

Occupational Specialisms



Route: Engineering and Manufacturing

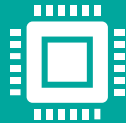
PATHWAY - Design and Development

Occupational Specialisms

Mechanical
Engineering



Electrical &
Electronic
Engineering



Control &
Instrumentation
Engineering



Structural
Engineering



Route: Engineering and Manufacturing

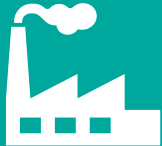
PATHWAY - Manufacturing, Processing and Control

Occupational Specialisms

Production technologies



Manufacturing technologies



Processing technologies

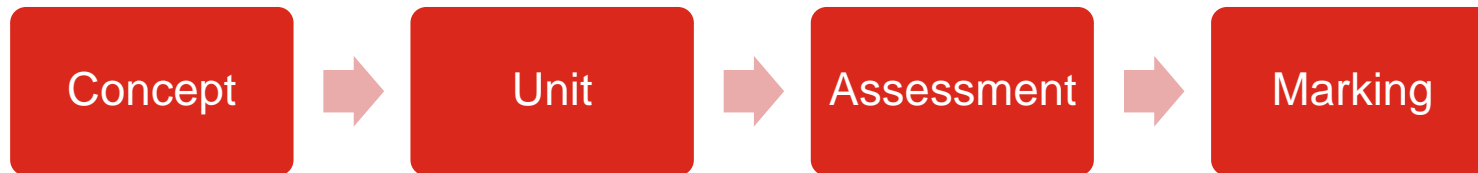


Materials technologies



Our approach to design and development

- Employer focused
- Consideration of the learner
- Consideration of Special Educational Needs (SEN)
- Constructive Alignment



Working towards Milestone 1

Key development activities:

Development of specifications

Amplification of content

Weighting of core vs OS

Proposed GLHs for TQ

Consultation with SEN experts

Work with subject matter experts

Confirm queries with T level panel

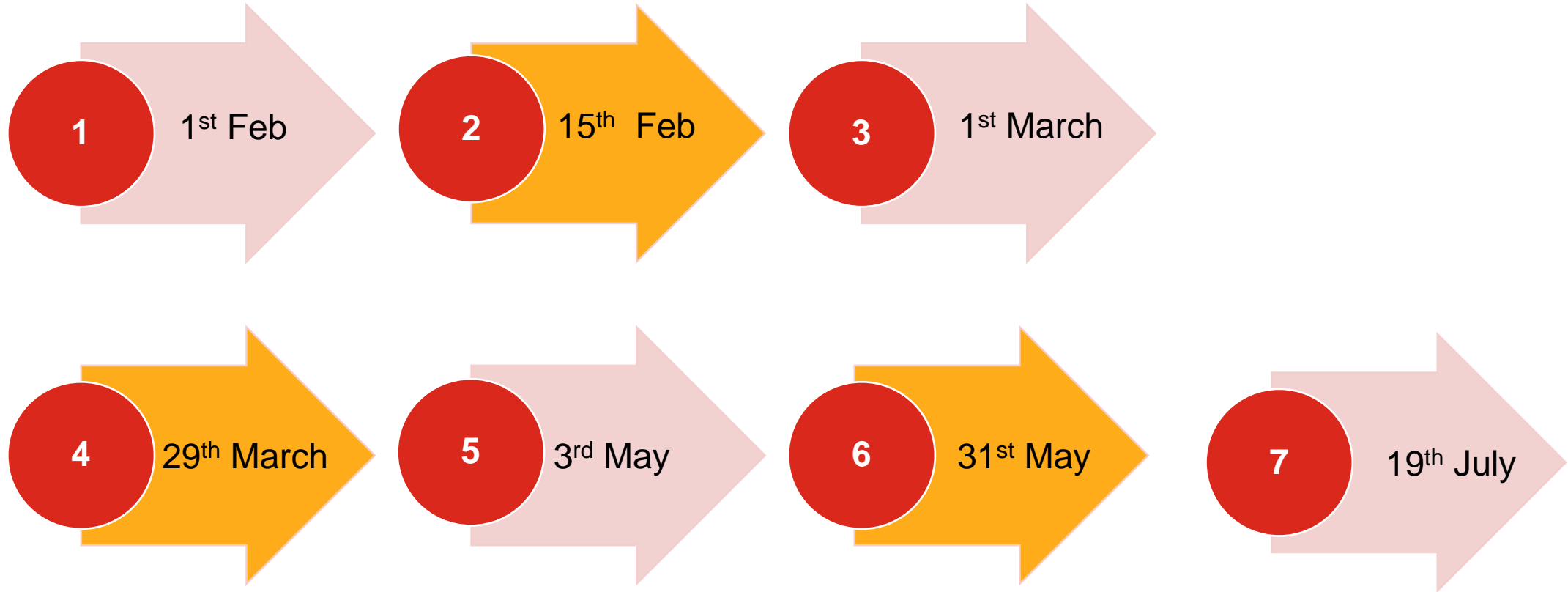
Validation of TQ content with employers

Validation of TQ content with providers

We need consultants to help us develop the Technical Qualification.

**We need
subject
matter
experts**

Key Milestones for TQ Development



Get Involved - Make a difference

It is critical for the success of T Levels that we ensure the TQ is fit for purpose, aligns to employer needs and allows progress for a young person to make informed choices.

We need employers, providers with specific specialist knowledge to get involved, be part of the future. See it shape to meet the needs of the sector but ensure its manageable to deliver and supports the new landscape and vision within the echo system of Technical Education.

You can get involved in:

- Writing content
- Developing assessment materials
- Reviewing
- Validation

Working with us

We're keen to work with sector specialist groups, we value your input and want to understand the best ways of working with you.

- We can be flexible with dates and means of communicating, we just want to ensure your input is gained.
- *Under current circumstances our development is completed virtually.*

Get in touch, send an email to:

- **qualdevelopment@cityandguilds.com**
- product.query@eal.org.uk

Support and Guidance

Ready to Support eligible providers and stakeholder engagement

- New Webpages for T Levels
- Timelines
- Webinar for eligible providers
- Provider focus groups
- Employer Industry Boards
- E-bulletins
- Draft specification
- Dedicated technical advisors

City & Guilds: cityandguilds.com/tlevels/engineering

EAL: eal.org.uk/T-Levels

Engineering and Manufacturing T Levels timeline 2020-2022

www.eal.org.uk/t-levels
www.cityandguilds.com/tlevels



2020				2021	
September	October	November	December	January	February
	News update wave 3 T Levels bid announcement (England only)	Launch webinar Providers webinar	Technical Qualification development TQ development phase – employer and provider validation panels	Provider webinar Content review webinar for first draft documents	Factbooks T Levels assessment activities for providers, learners and parents
	What you need to know now Customer support helpline Frequently asked questions (FAQ) Checklist of activities and timelines	Start development of Technical Qualifications Technical Qualification (TQ) development phase – employer and provider content amplification		Newsletter Quarterly e-bulletin	Technical Qualification development TQ development phase – employer and provider validation panels
				Technical Qualification development TQ development phase – employer and provider validation panels	
2021					
March	April	May	June	July	August
Webinar Feedback on the TQs in Engineering and Manufacturing	Technical Qualifications development TQ development phase – Draft documents shared with providers	Quality approval preparation Providers webinar – to support approval process	Update events Provider support networks – delivered by technical experts and industry partners	Update events Provider support networks – delivered by technical experts and industry partners	Quality approval Providers webinar – to support approval process
Technical Qualification development TQ development phase – employer and provider validation panels	Newsletter Quarterly e-bulletin	Technical Qualification development TQ development phase – employer and provider validation panels	Technical Qualifications development TQ development phase – final employer and provider validation panels	Newsletter Quarterly e-bulletin	
				Technical Qualification submission to OQualMATE Final stage of TQ submission	



Keep up-to-date on T Levels development, news and helpful webinars

It's important we hold the right details for everyone involved in the T Levels planning and delivery for Engineering and Management.

Relevant parties should register or change their email preferences using the links below:

Sign-up for
T Level
updates

cityandguilds.email-preferences.com/sign-up

Update my
email
preferences

cityandguilds.email-preferences.com/request-update

Questions & Answers