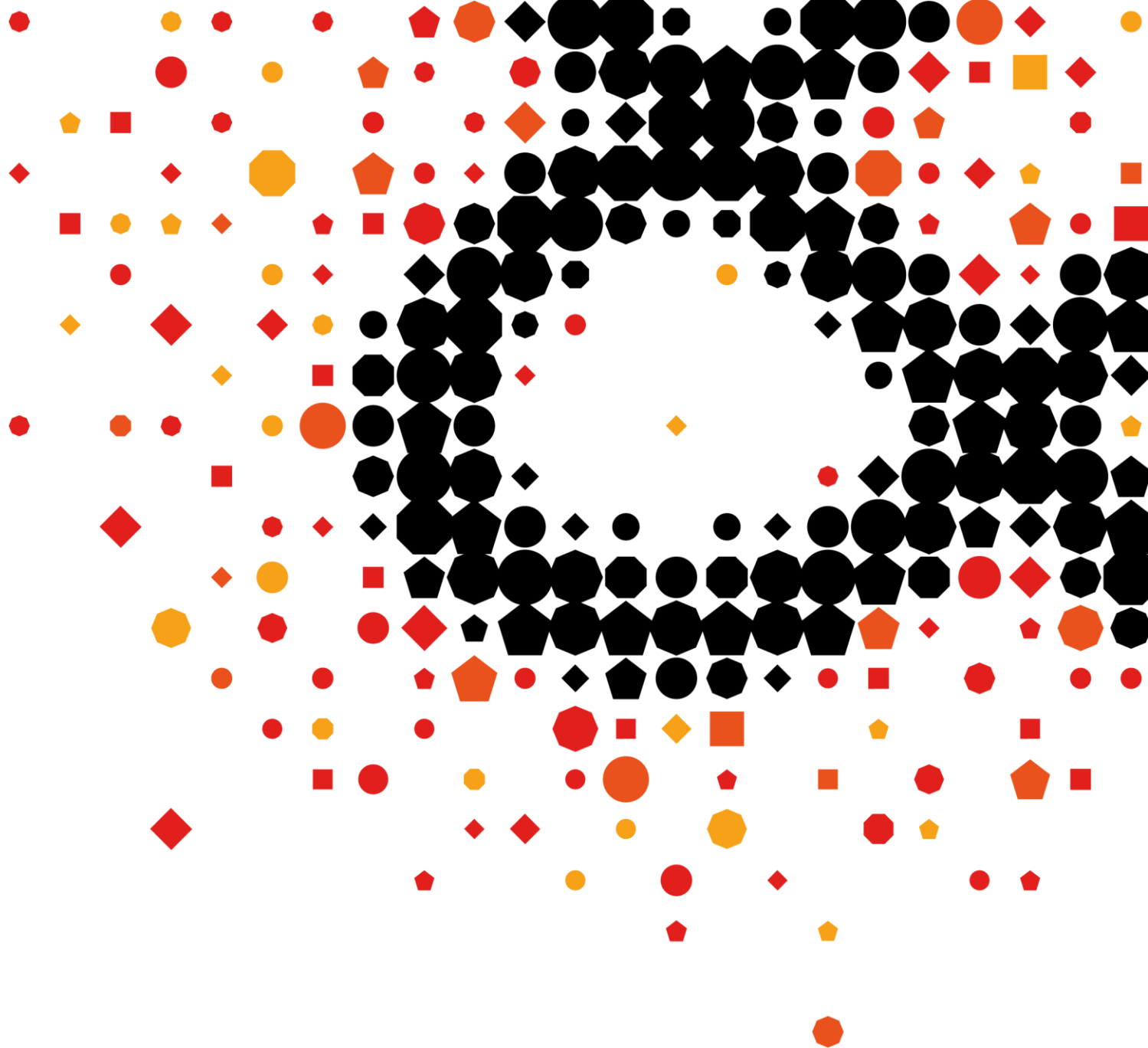


T-LEVELS



Institute for Apprenticeships
& Technical Education



Engineering & Manufacturing T Level Employer Launch Event

17 November 2020



Agenda

1. Introductions and Welcome
2. City & Guilds and EAL Partnership
3. T Levels and the Technical Qualifications (TQ's)
4. Design and development approach
5. Key milestone dates
6. The Employer Industry Board and it's function
7. Connect with us
8. Q&A



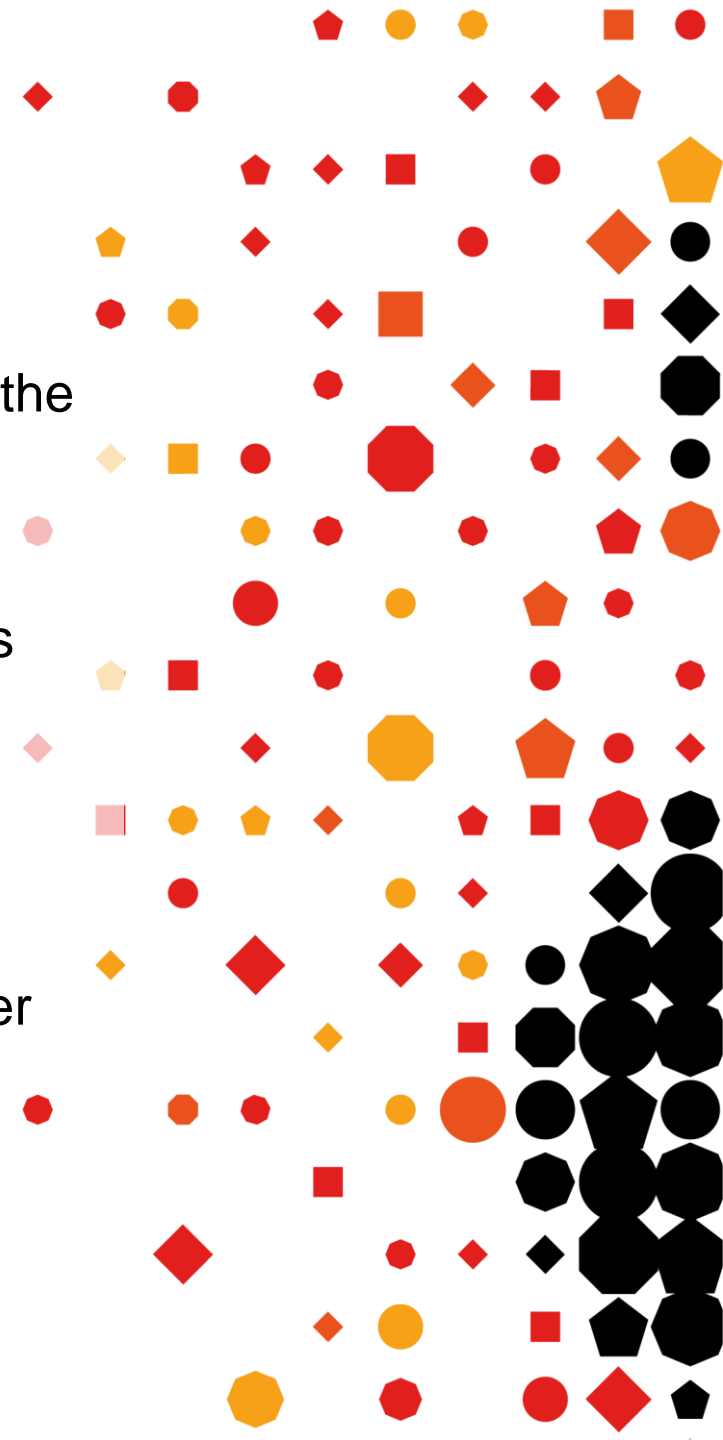
A City & Guilds and EAL partnership

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)**

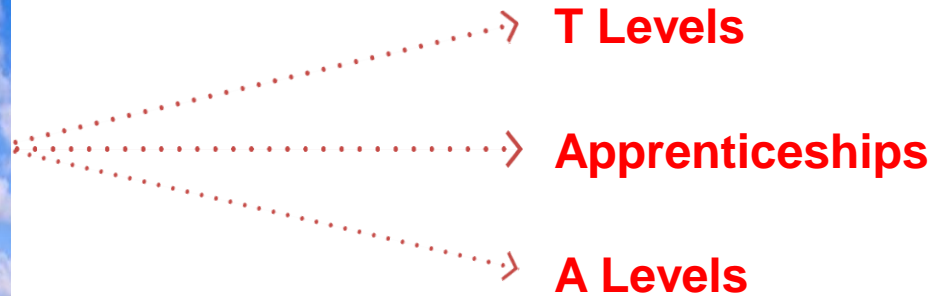
EAL will be providing technical expertise and access to key employer groups alongside supporting the wider customer journey and onboarding.

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.

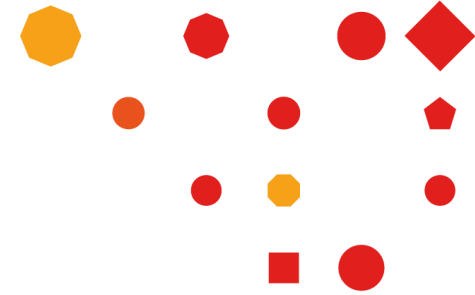
Co-delivery: employers offering industry placements to T Level students so they can apply the knowledge and skills they have learnt in college.

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.

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)

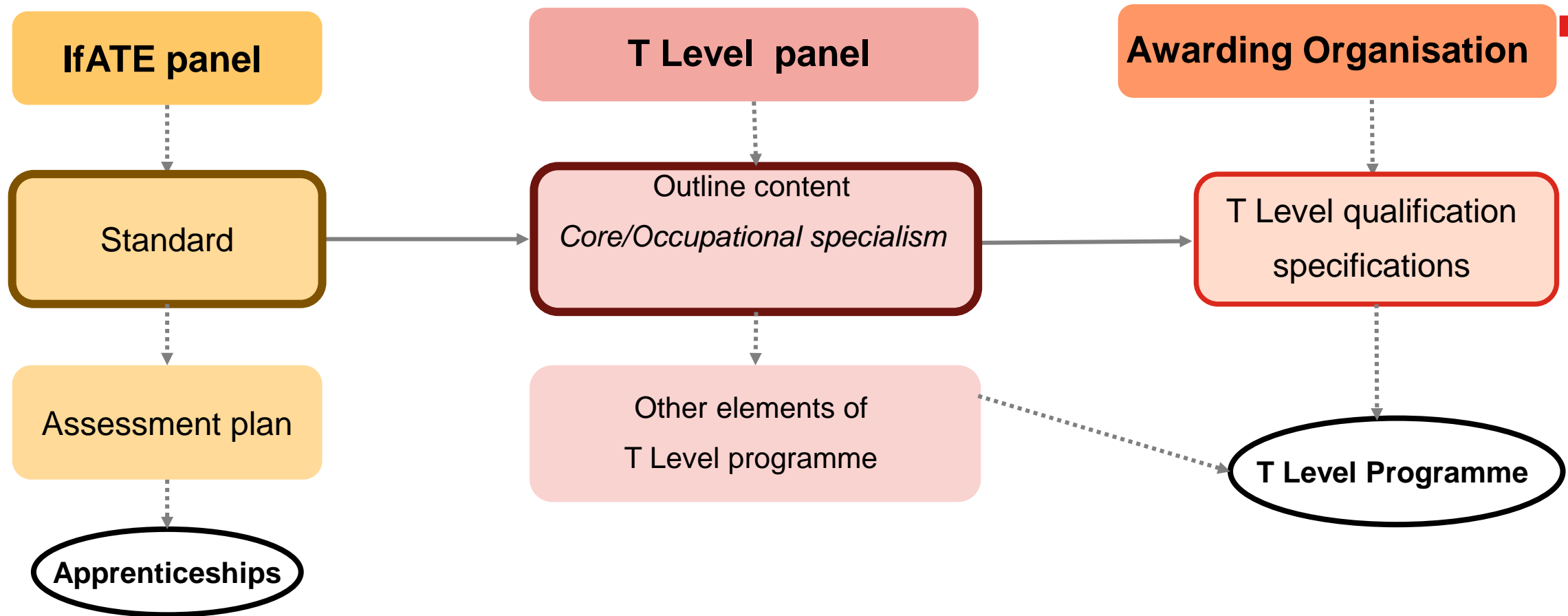
**WORK
PLACEMENT**
315-420 hours
Min 45-60 days

**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.

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:

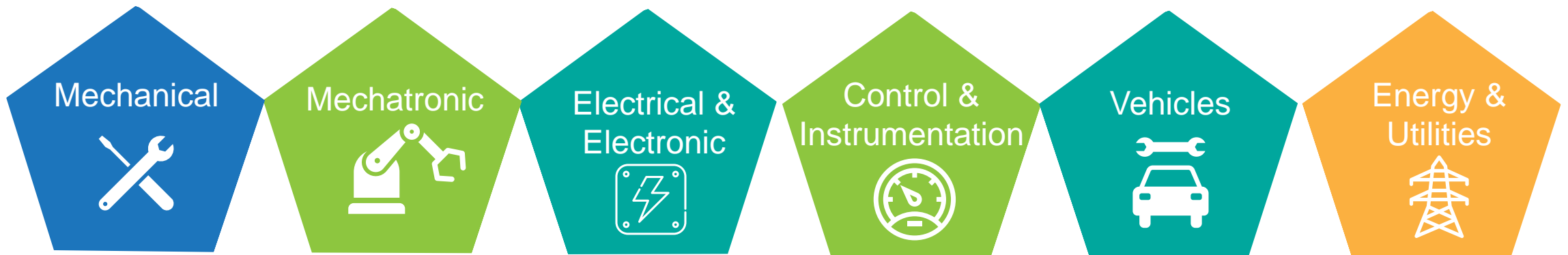
- Engineering Core
- Pathway Core
- 1 pathway
- 1 Occupational specialisms



Route: Engineering and Manufacturing

PATHWAY - Maintenance, Installation and Repair

Occupational Specialisms






Route: Engineering and Manufacturing

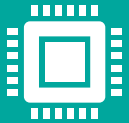
PATHWAY -Design and Development

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

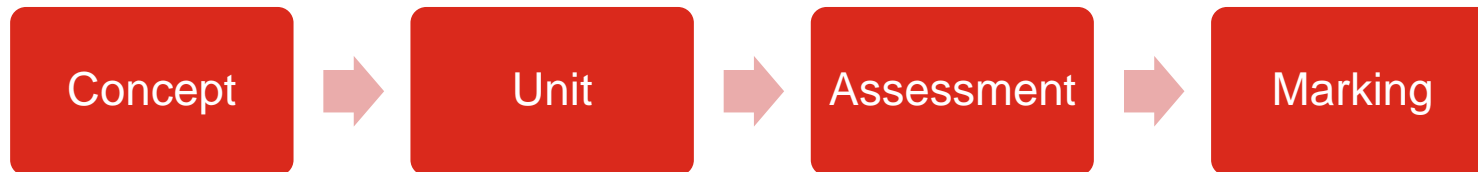


Materials technologies

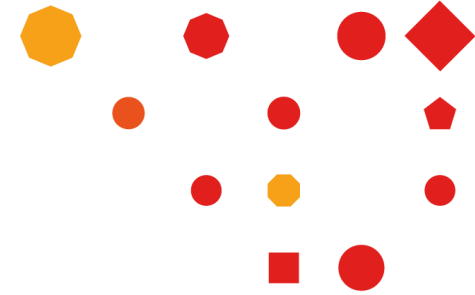


Our approach to design and development

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

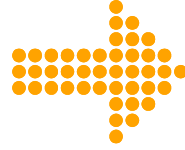


Sample questions for the validation of the TQ content and Specification...



Deliverability:

Does the detail of the content and structure in the Specification enable you to understand what would be required?



Structure of Content:

Does the content flow in a suitable format to enable understanding of the technical content that has to be taught?



Relevance of Technical content:

Is there anything missing or perhaps included which is technically out of date?



Depth of Content:

Technically would this be at the correct level for a level 3 learner who wants progression into the Engineering industry?



Guided learning hours (GLH):

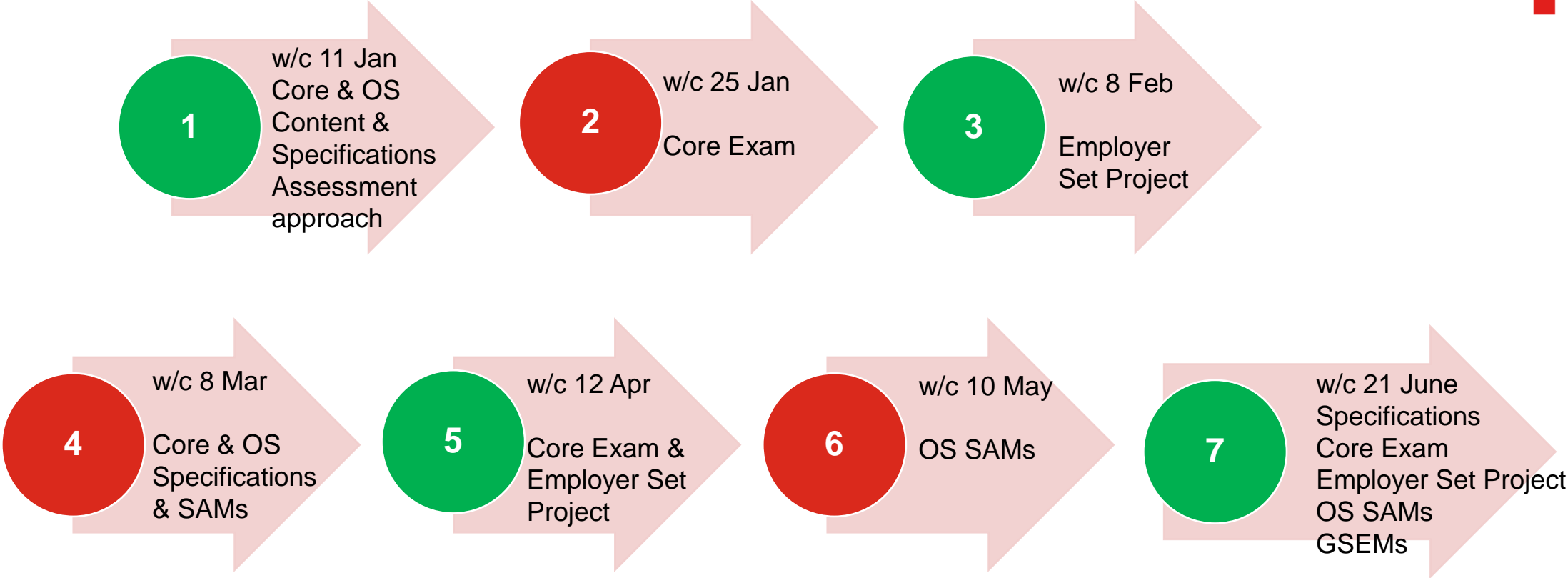
Do the GLH look appropriate for the delivery of the content?

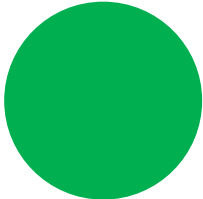


Appropriate Level:

Does the content include appropriately levelled content to ensure learners are at level 3 when complete?

Key Dates for TQ Development Consultation & Validation



 = Key touchpoints with the Employer board

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

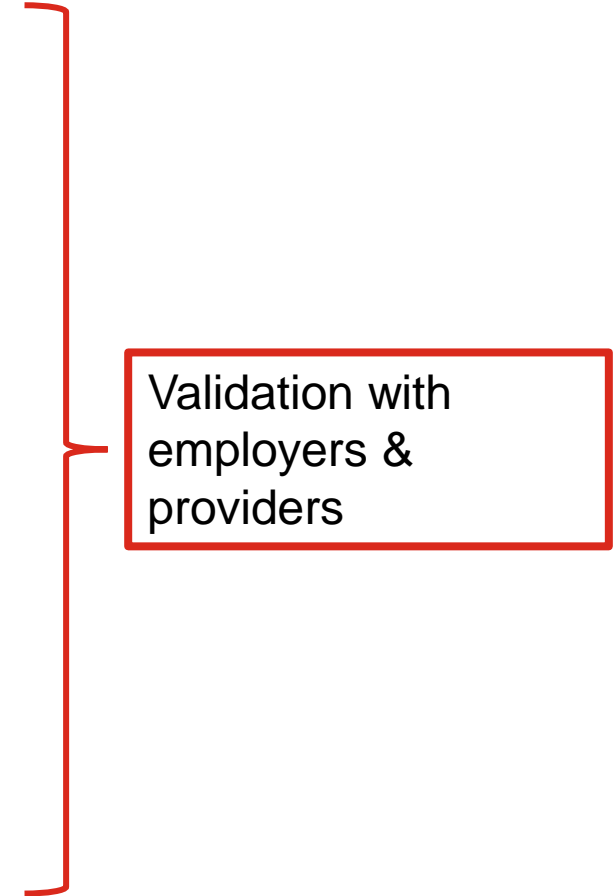
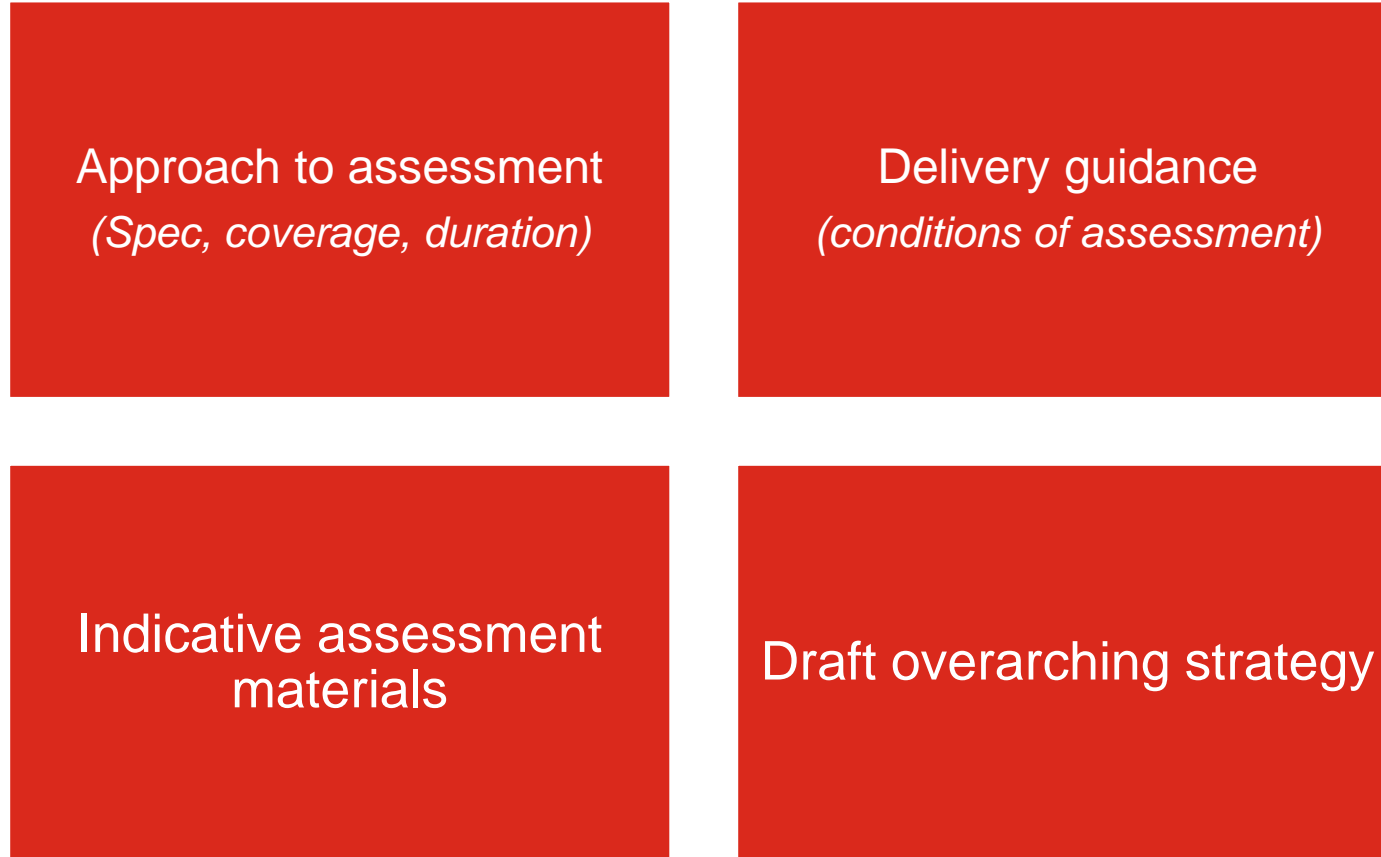
Validation of TQ content with employers

Validation of TQ content with providers



Working towards Milestone 1

Key development activities:
Assessment design & delivery





We need consultants to help us develop the Technical Qualification.

Can you support through your provider networks?

**We need
subject
matter
experts**



Introductions/Purpose of the board

The Employer Industry board will be integral to our future developments in the Engineering & Manufacturing industry.

This board is made up of trusted representatives. We will collectively come together regularly to discuss and highlight industry changes and demands that will influence the future training and development of the Engineering and Manufacturing qualifications and assessments.

- World of education and training is changing
- Increased employer involvement is needed in qualification design
- Working with employers as Partners
- Qualifications require employer input in their design and implementation



Digital Credentials

Members who join our board will receive a digital credential from City & Guilds and EAL. You can display your credential on your company website, email signature, or your social channel platforms.

Our digital credentials are issued via the Acclaim by Credly platform.



Connect with us

If you use social media platforms please follow and connect with us.



Twitter- @Engineering_CG

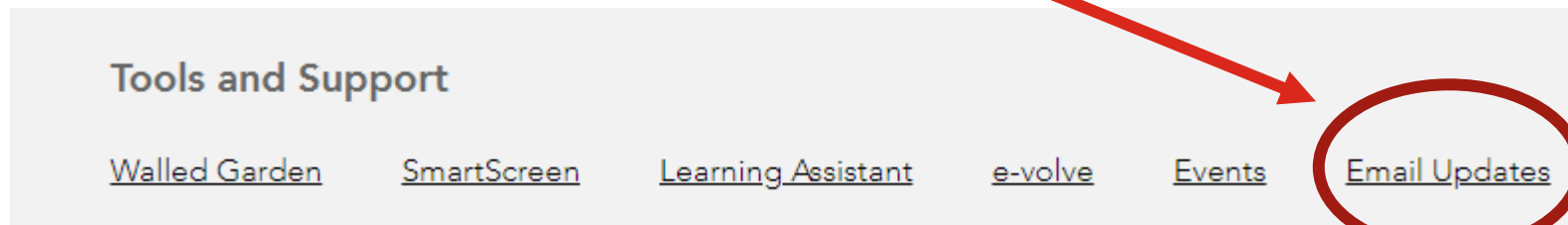


Email- scott.wilkins@cityandguilds.com



Email updates- Register for email updates. See screen shot below.

Below is a screen shot of the bottom of the City & Guilds home page. Click email updates and register or alternatively follow the link below to register for direct T Level updates and information. <https://www.cityandguilds.com/tlevels/employers>



Questions answers