



# Key Stage 4 Technical Awards

Information Guide

# City & Guilds Technical Awards

## Key Stage 4



City & Guilds Level 2 Technical Awards give learners an opportunity to explore specific industries, experience hands-on practical learning and develop related technical skills.

City & Guilds Technical Awards have been approved by the Department for Education (DfE) to count in Key Stage 4 performance tables. These qualifications are for key stage 4 learners aged 13-16 (in the last two/three years of secondary education, in years 9, 10, 11). At 120 GLH, they are equivalent to one GCSE and can be studied over one, two or three academic years. Up to three Technical Awards count in Progress 8 and Attainment 8 performance measures as part of the "open" group of subjects.



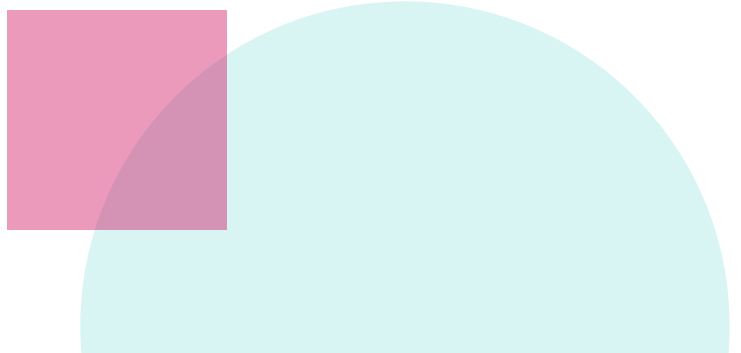


## What's available?

City & Guilds has eight Level 2 Technical Awards approved to count in 14-16 performance tables.

Qualification title	QAN	C&G Code	Approved for 2019 performance tables	Approved for 2020 performance tables	Approved for 2021 performance tables
Level 2 Technical Award in Designing and Planning the Built Environment	601/7246/0	6720-22			
Level 2 Technical Award in Constructing and Maintaining the Built Environment	601/7245/9	6720-21			
Level 2 Technical Award in Engineering	601/7241/1	1145-20			
Level 2 Technical Award in Cookery and Service for the Hospitality Industry	601/7244/7	6106-20			
Level 2 Technical Award in Land Based Studies	601/7240/X	0170-20			
Level 2 Technical Award in Hair and Beauty Studies	601/7247/2	3038-21			
Level 2 Technical Award in Digital Technologies	601/7242/3	5220-20			
Level 2 Technical Award in Vehicle Technology	603/0310/4	4292-20			

A full list of approved KS4 qualifications can be found on the Department for Education website:  
[gov.uk/government/publications/key-stage-4-qualifications-discount-codes-and-point-scores](https://www.gov.uk/government/publications/key-stage-4-qualifications-discount-codes-and-point-scores)



## How are City & Guilds Technical Awards assessed?

City & Guilds Technical Awards are assessed through one externally set and externally marked theory exam and a synoptic assessment.

The theory exam is taken on a set date and time and contributes 40% of the overall grade. There are two opportunities in each academic year to take the theory exam. However please note there is only one resit opportunity. If the learner fails the resit opportunity they will not achieve the qualification.

The synoptic assignment is a controlled assessment which contributes to 60% of the overall grade. Students have to complete a piece of work independently which is marked by tutors and externally moderated by City & Guilds. The synoptic assignment is released to centres in the autumn term and there is a 12-week window during the spring and summer terms when students have to complete it.



## Grading

The overall qualification grade is calculated based on the aggregation of the marks awarded for the theory exam and the synoptic assessment. These marks are converted into grades – Pass, Merit, Distinction, and Distinction\*. Both assessments (the exam and the synoptic assignment) must be achieved at a minimum of pass for the qualification to be awarded.

## Resources

City & Guilds has developed a range of resources to help centres plan and deliver Technical Awards.

These include:

- resource lists for each qualification
- Samples of a one and two year curriculum planner
- Sector specific delivery support recorded presentations
- Technical Awards: information for new centres
- webinars and events
- guide to teaching, learning and assessment
- marking and moderation guide
- guide to the examination for each Technical Award
- sample theory exam papers, past papers and sample synoptic assignments.





## Level 2 Technical Award in Designing and Planning the Built Environment

(6720-22)

This qualification allows learners to explore the construction and built environment industry and focus on the design and planning aspects of this industry. As part of the course, learners will explore how building design has evolved over time and how it affects communities. In addition, learners will examine the scientific properties of building materials to discover how the selection and use of different materials can contribute to sustainability. The qualification will also give learners an opportunity to develop skills in using standard drawing conventions, symbols and design software. Learners will be encouraged to come up with new ideas, respond to challenges and develop technical skills in drawing and using design software.

This qualification has three units:

- developing sustainable communities
- planning and design of the built environment
- creating and presenting building designs.



## Level 2 Technical Award in Constructing and Maintaining the Built Environment

(6720-21)

This qualification allows learners to explore the construction and built environment industry. It's particularly suitable for learners who enjoy practical, hands-on tasks, but also want to discover how buildings are constructed and what happens when they require repair, maintenance or refurbishment. As part of the course, learners will look at the structure of the construction and built environment industry and how different job roles work together to deliver construction projects. Learners will develop an understanding of what makes a building and how the selection of different materials affects the overall look and feel. Learners will have opportunities to carry out a selection of realistic practical construction tasks related to the repair, maintenance and refurbishment of a building.

This qualification has four units:

- working in the built environment
- construction methods and materials
- maintenance, repair and refurbishment of buildings
- using tools to construct and maintain buildings.



## Level 2 Technical Award in Engineering (1145-20)

This qualification allows learners to find out more about engineering industries. It's particularly suitable for learners who like to explore how things work and are keen to develop technical skills. Learners will develop an understanding of how ideas for engineered products are communicated between engineers, including the use of Computer Aided Design (CAD) systems. As part of the course, learners will discover how ideas are turned into prototypes and have opportunities to develop the skills needed to produce and evaluate a prototype. The qualification will enable learners to develop knowledge, understanding and skills in the use of standard measurement in engineering, different materials used in engineered products, the features and applications of mechanical and electrical components, interpretation and production of engineering drawings using CAD systems, the use of commercial and prototype technologies, the evaluation of products against design criteria.

This qualification has two units:

- engineering communication
- engineering development.



## Level 2 Technical Award in Cookery and Service for the Hospitality Industry

(6106-20)

This qualification allows learners to explore the hospitality industry, including what hospitality is, what technologies are used in the industry, how current trends and developments are changing, why people choose particular foods and the different types of service in the industry. Learners will explore the hospitality industry within the United Kingdom and look at trends and developments. As part of the course, learners will look at the impact innovation and technology has on the industry, including use of social media. In addition, learners will understand how commodities are used to produce food for meal occasions and will recognise links between allergens, diets and well-being. In addition, learners will have opportunities to develop technical skills required to produce food and serve food and beverages.

This qualification has three units:

- exploring the hospitality industry
- food preparation and cookery
- food and beverage service.



## Level 2 Technical Award in Land Based Studies

(0170-20)

This qualification allows learners to explore how land is used for the purposes of housing, infrastructure, energy production, forestry production, farming and leisure, field and adventure sports. Learners will explore the changing trends and developments in land use, as well as enhancements in technology. Learners will have opportunities to develop plant and animal husbandry skills. As part of the course, learners will explore how historical land use and management has changed from a greater emphasis on food production to an emphasis on sustainability, environmental management and public access. In addition, learners will understand how science plays a major role in the modern land-based sector by investigating different parts of the industry, roles of plants/crops and animals, whilst considering the importance of biosecurity.

This qualification has three units:

- exploring the use of land
- application of science in the land based sector
- application of technology in the land based sector.



## Level 2 Technical Award in Hair and Beauty Studies

(3038-21)

This qualification allows learners to explore the exciting world of hair and beauty and the environment in which its industries operate. Learners will explore historical trends and developments and how hair and beauty has developed from ancient times to the present day. The qualification gives learners an opportunity to investigate how science is used to create products, the ethics of product testing, effects of ingredients on hair and skin and how disorders of the hair and skin can impact services. In addition, learners will understand the importance of images for business use and develop hair styling, make-up and manicure technical skills to produce their own photographic images.

This qualification has four units:

- exploring the world of hair and beauty
- science of hair and beauty
- design in the hair and beauty sector.







## Level 2 Technical Award in Digital Technologies

(5220-20)

This qualification allows learners to explore how digital technologies are used in everyday life. Learners will discover how information is communicated in different ways, why we use networks, what to consider when creating web pages and how data gathered is of good quality. Learners will study the concepts and features of application software programmes and networks. In addition, learners will explore the features available across different types of software and tools and develop an understanding of text formatting and file manipulation. In addition, learners will understand how data can be gathered and used to make decisions, to analyse and present structured data which has been gathered from primary and secondary resources. The qualification allows learners to develop an understanding of types of application software and networks, compliance with laws that affect the use of digital technologies, digital communication channels for specified target audiences. Learners will develop technical skills in creating creative digital content for communication, including animations, social media, videos and websites.

This qualification has four units:

- principles of digital technology
- digital technology communications
- creative use of digital technology
- collection and use of data.

## Level 2 Technical Award in Automotive Technology

(4292-20)

This qualification allows learner to explore the whole automotive industry, providing an introduction to the automotive manufacturing sector and the retail motor industry. Learners will discover how vehicles are designed and how their systems and components work, whether they are cars, vans, motorcycles, trucks or all-terrain vehicles (ATVs). Learners will explore the main factors influencing the design and manufacture of vehicles and how to choose the right materials, as well as their properties. The main principles of maths, science and physics will be applied to understand how the main systems and components of different vehicles operate. Learners will have an opportunity to develop technical skills including how to use basic measurement and fabrication tools available in engineering/manufacturing workshops.

This qualification has three units:

- underpinning Principles in Vehicle Technology
- vehicle Technology Systems.







## How do I get approval to offer a Technical Award at my centre?

If your centre is already an approved City & Guilds centre, you will need to submit a qualification approval form to City & Guilds via Walled Garden. If your centre isn't an approved City & Guilds centre, you will need to read the information on the how to become a City & Guilds centre to ensure you meet the criteria.

The next step is to submit a **Customer Application Form** and then a **Centre Approval form**. There is a cost for applying for centre and qualification approval, but schools and charities are exempt from the minimum spend threshold and student numbers. Centres may have an External Quality Assurance (EQA) visit to assess the centre's suitability to offer the qualification(s) and support the centre in preparing for delivery.

## Who can deliver City & Guilds Technical Awards?

Approved centres can be schools (academies, free schools, studio schools etc.), University Technical Colleges (UTCs), private training providers and colleges.

## Progression

Visit City & Guilds website and type in the City & Guilds qualification code in the **"Search the site"** box. You will be taken to the information page on City & Guilds Technical Qualifications. Click on the **document tab** and then the **+ sign** on Level 2, where you will find centre documents which contains the qualification handbook, sample assessment materials and resource lists for each Technical Award.



Further information including FAQs on delivering Technical Awards can be found on our **Technical Qualifications Resources & Support** page.

## Where can I find out more?

Visit City & Guilds website and type in the C&G qualification code in the **"Search the site"** box. You will be taken to the information page on City & Guilds Technical Qualifications. Click on the **document tab** and then the **+ sign** on Level 2, where you will find centre documents which contains the qualification handbook, sample assessment materials and resource lists for each Technical Award. Further information including FAQs on delivering Technical Awards can be found on our **Technical Qualifications Resources & Support** page, under the **'KS4 Technical Award resources'** accordion.



**City & Guilds Technical Awards are part of a suite of Technical Qualifications for 14-19 year-olds.**

Level 2 Technical Awards for 13-16 year olds	Level 2 Technical Certificates and Level 3 Tech Levels for 16-19 year olds
120 GLH qualifications not specific to job roles and usually studied alongside GCSEs. Available in seven sectors.	Qualifications from 360 GLH plus to develop specialist skills and knowledge to prepare for a particular job or career. Available in 13 sectors. Level 3 qualifications carry UCAS points to enable progression to university.

## Questions?

For all queries, please contact [directsales@cityandguilds.com](mailto:directsales@cityandguilds.com)

