



NEW

**TECHNICAL QUALIFICATIONS
IN AUTOMOTIVE**

NOVEMBER 2016

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CHALLENGES AND OPPORTUNITIES

IN AUTOMOTIVE

- British automotive industry set to create up to **28,000** new supply chain jobs by **2020** (The Future of UK Automotive Manufacturing in 2025 and Beyond)
- Over **1.5 million** vehicles and **2.5 million** engines are produced in the UK each year and car manufacturing volumes are on course to break all-time records by **2017**.
- There are **82,880** automotive retail business units in the UK. These range in size from single manned garages to multinational organisations, all in need of skilled people who can drive their business forward.

Source: SMMT's Motor Industry Facts 2014

**28,000 JOBS
BY 2020**

MEETING THE CHALLENGE

WITH THE CITY & GUILDS TECHBAC

TechBac is a unique combination of:

TECHNICAL SKILLS



WORKPLACE SKILLS

New employer recognised City & Guilds Technical Qualifications;

- Designed to meet the latest education reforms
- Relevant to industry needs
- Rigorous, high quality practical learning with outcomes in mind
- Supporting progress to Further Education, University or employment

City & Guilds Workplace Skills is a blended approach to developing transferable and social skills;

- Develop, accredit and showcase workplace skills, to enrich learners' CVs
- Help learners to feel confident and ready for work
- Track learner engagement and progress to optimise performance
- Aligned to changes in policy and digital delivery
- Support to embed in delivery

To create, recognise and award these attributes and behaviours, we have developed the **Skills Zone**, our gateway to Workplace Skills.

ROUNDED INDIVIDUAL WHO IS:

CONFIDENT, TALENTED, MOTIVATED AND READY TO WORK

THE TECHBAC EXPERIENCE

A HOLISTIC PROGRAMME DESIGNED FOR SUCCESS

KNOWLEDGE & UNDERSTANDING



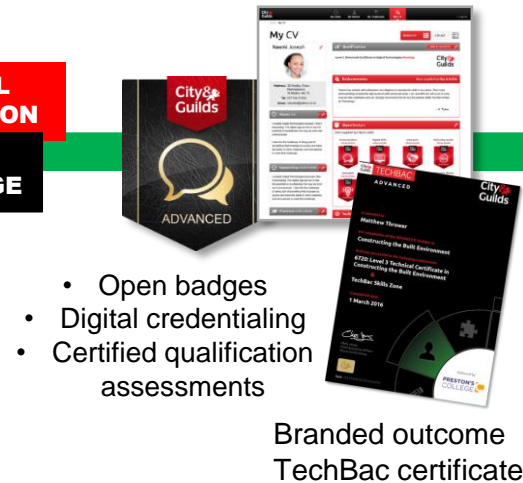
Technical Skills
Practical learning
(Technical Qualifications)

HANDS-ON EXPERIENCES



Professional Skills
Blended social learning
(Workplace Skills)

ASSESSMENT & CREDENTIALING



Online CV
Share and showcase

OUTCOME



Targeted skills
Opening doors
to university,
apprenticeships
or into a job

Work ready
With the skills
employers need

A holistic and experiential approach making young people more employable.

TECHNICAL
QUALIFICATIONS
IN AUTOMOTIVE

Built to meet industry needs.

EMPLOYER SUPPORT

DESIGNED WITH LEADING EMPLOYERS

The following employers have provided letters of support for our new technical qualifications in automotive:

Society of Motor Manufacturers and Traders



The Society of Motor Manufacturers and Traders is the trade association for the United Kingdom motor industry. Its role is to "promote the interests of the UK automotive industry at home and abroad".

Founder: [Frederick Richard Simms](#)

Founded: July 16, 1902

CEO: [Michael Hawes](#)



Supporting the Motor Industry since 1913

KS5 WHAT'S AVAILABLE AND WHEN?

KEY STAGE 5, LEVEL 2 - AVAILABLE FOR SEPT 2016 DELIVERY

QAN	TITLE	GLHs
500/9707/6	City & Guilds Level 2 Diploma in Light Vehicle Maintenance & Repair Principles (QCF)	640
500/9982/6	City & Guilds Level 2 Diploma in Heavy Vehicle Maintenance and Repair Principles (QCF)	645
501/0288/6	City & Guilds Level 2 Diploma in Motorcycle Maintenance and Repair Principles (QCF)	595
500/9985/1	City & Guilds Level 2 Diploma in Accident Repair Paint Principles (QCF)	550
501/0016/6	City & Guilds Level 2 Diploma in Accident Repair – Body Principles (QCF)	710
601/4528/6	City & Guilds Level 2 (Technical) Certificate in Automotive (VRQ)	360
501/0748/3	City & Guilds Level 2 Diploma in Vehicle Fitting Principles (QCF)	426
600/1449/0	City & Guilds Level 2 Diploma in Vehicle Specialist Tyre Fitting Principles (QCF)	390
600/4886/4	City & Guilds Level 2 Diploma in Vehicle Valeting Principles (QCF)	354

Now approved to appear on 2018 DfE Performance Tables.

KS5 LEVEL 2 DESIGN PRINCIPLES

EFFECTIVE FROM SEPTEMBER 2017

KEY STAGE 5 (16 - 18) (L2) TECHNICAL CERTIFICATES

360 GLH, 450 GLH
Made up of 30, 60 GLH units

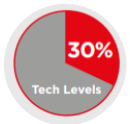
Progression: Enable entry to an apprenticeship, employment or progression to a Level 3 Technical Level Qualification.

GRADING: P/M/D/D*

UCAS points: n/a

Mandatory content and the contribution to overall grade must make up **at least 40%** of the qualification. Where qualifications have one or more pathway, the mandatory content (%) should apply equally to these.

Assessment: A proportion of the qualification content will be assessed externally (**minimum 25% for TCs and 30% Tech Level**). Must also include synoptic assessment.



Employer involvement: in design, recognition, delivery and or assessment, which raises the credibility of the qualification in the eyes of employers, parents and learners

KS5 WHAT'S AVAILABLE AND WHEN?

KEY STAGE 5, LEVEL 3 AVAILABLE FOR SEPT 2016 DELIVERY

QAN	TITLE	GLH
601/7382/8	City & Guilds Level 3 Advanced Technical Certificate in the Automotive Industry*	360
601/7383/X	City & Guilds Level 3 Advanced Technical Extended Diploma in the Automotive Industry (720)*	720

Now approved to appear on 2018 DfE Performance Tables.

KS5 LEVEL 3 DESIGN PRINCIPLES

IN LINE WITH DFE QUALIFICATION CHANGES IN ENGLAND

KEY STAGE 5 (16 - 18) (L3) TECH LEVELS

360 GLH, 450 GLH, 540 GLH, 720 GLH, 1080 GLH
Made up of 30, 60, 90 GLH units

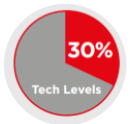
Progression: Enable entry to an apprenticeship or other employment, or progression to a related higher education course.

GRADING: P/M/D/D*

UCAS points: 16 min – 168 max

Mandatory content and the contribution to overall grade must make up **at least 40%** of the qualification. Where qualifications have one or more pathway, the mandatory content (%) should apply equally to these.

Assessment: A proportion of the qualification content will be assessed externally (**minimum 25% for TCs and 30% Tech Level**). Must also include synoptic assessment.



Employer involvement: in design, recognition, delivery and or assessment, which raises the credibility of the qualification in the eyes of employers, parents and learners

UCAS POINTS

ENABLING PROGRESSION TO UNIVERSITY

Grade	Level 3 Advanced Technical Certificate (360)	Level 3 Advanced Technical Diploma (540)	Level 3 Advanced Extended Technical Diploma (720)
Distinction*	56	84	112
Distinction	48	72	96
Merit	32	48	64
Pass	16	24	32

OTHER QUALIFICATIONS

Grade	Level 3 Advanced Extended Project Qualifications	Using And Applying Mathematics (Core Maths)
A*	28	
A	24	20
B	20	16
C	16	12
D	12	10
E	8	6

A Level equivalent points

UCAS points	A Level
56	A*
48	A
40	B
32	C
24	D
16	E

- ✓ Adding Core Maths at Level 3 makes TechBac compliant with the Government's new technical baccalaureate measure.
- ✓ Funding uplift may apply

NEW TECHNICAL QUALIFICATIONS ASSESSMENT

Timeframes, support and examples.

CURRENT TIMELINE AND ASSESSMENT DATES

KS4/KS5 LEVEL 2 TECHNICAL AWARDS / CERTIFICATES

DATE	END EXTERNAL EXAM	SYNOPTIC ASSIGNMENT
FEBRUARY: WK OF: 1st FEB		SYNOPTIC ASSIGNMENTS RELEASED TO CENTRES
APRIL L2-25th	EXTERNAL END EXAM	
MAY: EXAM-WK OF: L2-30th SYN- WK of: 23 MAY	RESULTS OF 1 st EXTERNAL EXAM	SUBMISSIONS OF MARKS FOR SYNOPTIC ASSIGNMENT & OPTIONAL UNIT EVIDENCE
JUNE L2- 27th	2 ND EXTERNAL END EXAM WINDOW	
JULY L2- 4th		SYNOPTIC ASSIGNMENT MARKS CONFIRMED AND GRADES AWARDED
JULY/AUG L2 - 1st AUG	RESULTS OF 2 ND EXTERNAL EXAM	

CURRENT TIMELINE AND ASSESSMENT DATES

LEVEL 3 TECHNICAL LEVEL QUALIFICATIONS

DATE	END EXTERNAL EXAM	SYNOPTIC ASSIGNMENT
FEBRUARY: WK OF: 1st FEB		SYNOPTIC ASSIGNMENTS RELEASED TO CENTRES
APRIL L3-18th	EXTERNAL END EXAM	
MAY: EXAM-WK OF: L3-23th SYN- WK of: 23 MAY	RESULTS OF 1 st EXTERNAL EXAM	SUBMISSIONS OF MARKS FOR SYNOPTIC ASSIGNMENT & OPTIONAL UNIT EVIDENCE
JUNE L3 20th	2 ND EXTERNAL END EXAM WINDOW	
JULY L3 – 4th		SYNOPTIC ASSIGNMENT MARKS CONFIRMED AND GRADES AWARDED
JULY/AUG L3 – 25th JULY	RESULTS OF 2 ND EXTERNAL EXAM	

WHAT'S AVAILABLE?

DOCUMENTATION AVAILABLE NOW

- Qualification Handbooks
- Sample synoptic assessments
- Sample external end tests
- Free schemes of work
- SmartScreen materials

STAY IN TOUCH

TALK TO US

1 TALK TO YOUR BUSINESS MANAGER

2 JOIN THE LINKEDIN COMMUNITY: TECHBAC DEVELOPMENT & DISCUSSION

3 REGISTER FOR AN EVENT (WE RUN SECTOR EVENTS, ADVANCE EVENTS AND CONSULTATIONS)

REGISTER FOR UPDATES AT

[CITYANDGUILDS.COM/TECHBAC](https://www.cityandguilds.com/techbac)