

AQA support for 14-19 STEM Curricula and technical qualifications in UTCs

19th April 2012

**Marc Booker, Head of GQD Business Support
Graham Williams, Regional Business Manager**

AQA products & services to meet your needs

You asked	We're planning
for a replacement for Principal Learning in Engineering	two new Level 1/ Level 2 Certificates in Engineering for September 2012
to meet the EBacc requirements but using content relevant for UTCs	an enhancement to GCSE History to support understanding of Britain's industrial past and present; IGCSEs in MFLs that can include engineering and vocational contexts
for qualifications approved by industry	a cutting edge GCSE Computer Science qualification developed in partnership with Microsoft for teaching from September 2012; innovative Certificate in Use of Maths endorsed by RAoE and on DFE's Section 96 for pre-16
for support in how to contextualise core GCSEs	on-site support with planning of delivery of STEM qualifications

AQA Level 1/ Level 2 Certificates in Engineering

- two certificates available at both Levels 1 and 2
- drawn from existing Principal Learning
- 1) Engineering and Innovation
- 2) Engineering and Computing Applications
- **each** worth the equivalent of one GCSE
- can be combined with other D&T GCSE(s) e.g. Systems and Control to **maximise** the number of GCSEs

AQA Level 1/ Level 2 Certificates in Engineering

- 120 GLH per qualification
- builds on assessment structure of Principal Learning i.e. 80% internally assessed and 20% externally assessed
- one 1hr 15 minute externally assessed unit per qualification
- first teaching from September 2012
- developed with the needs of UTCs and Diploma users in mind
- on-going dialogue with Aston UTC to ensure suitability for UTCs

AQA Level 1/ Level 2 Certificates in Engineering

Engineering and Innovation

Based on these Diploma units:

Level 1 Unit 1 Introducing the world of Engineering

Level 1 Unit 5 Introduction to Engineering materials

Level 1 Unit 7 Engineering the future

Level 2 Unit 1 The Engineered World

Level 2 Unit 8 Innovation, enterprise and technological advance

	Time	Marks	Percentage of Assessment
Written Paper	1 hour 15 mins	75 marks	20%
Controlled Assessment: Investigating materials		80 marks	40%
Controlled Assessment: Industry Study		80 marks	40%

AQA Level 1/ Level 2 Certificates in Engineering

Engineering and Computer Applications

Based on these Diploma units:

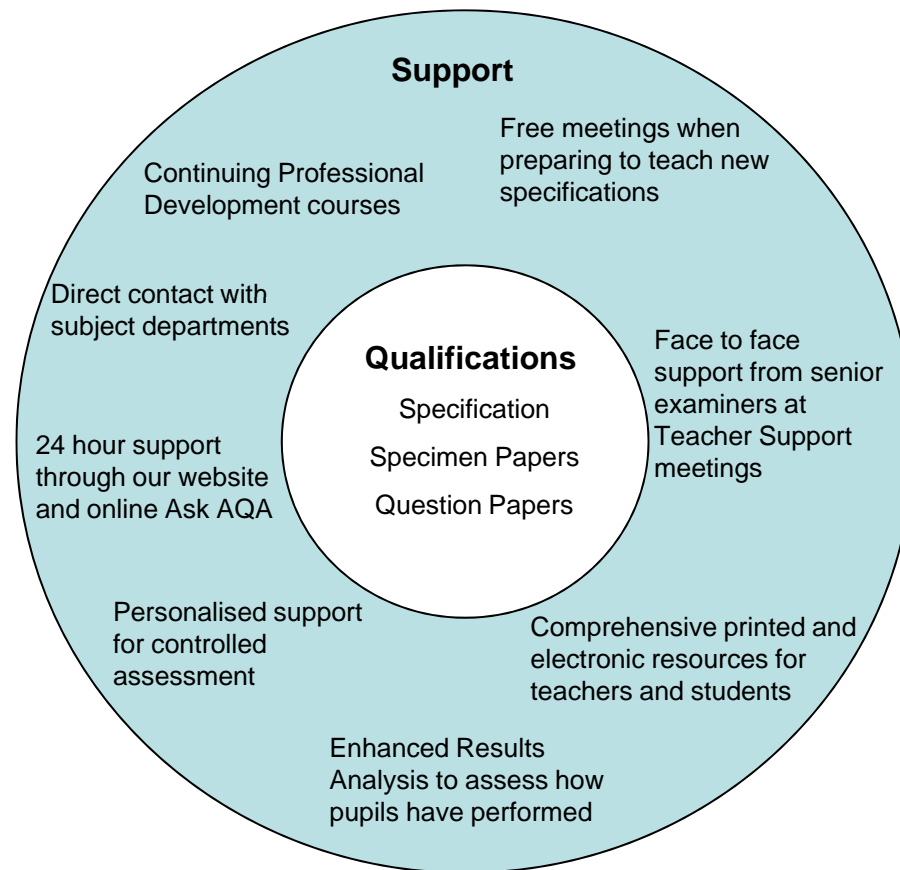
Level 1 Unit 3 Using computer-aided Engineering

Level 2 Unit 3 Engineering applications of computers

Level 2 Unit 6 Manufacturing engineering

	Time	Marks	Percentage of Assessment
Written Paper	1 hour 15 mins	75 marks	20%
Controlled Assessment: CAD/CAM task		80 marks	40%
Controlled Assessment: Programming task		80 marks	40%

AQA's range of products and services: an overview



More information:

Talk to our dedicated UTC team to discuss how we can tailor a bespoke qualification mix to suit your needs. Simply email UTC@aqa.org.uk

Alternatively, to be kept informed about our Engineering qualifications email Stephanie Hamby directly in our D&T team shamby@aqa.org.uk

Contact either Marc Booker or Graham Williams today