



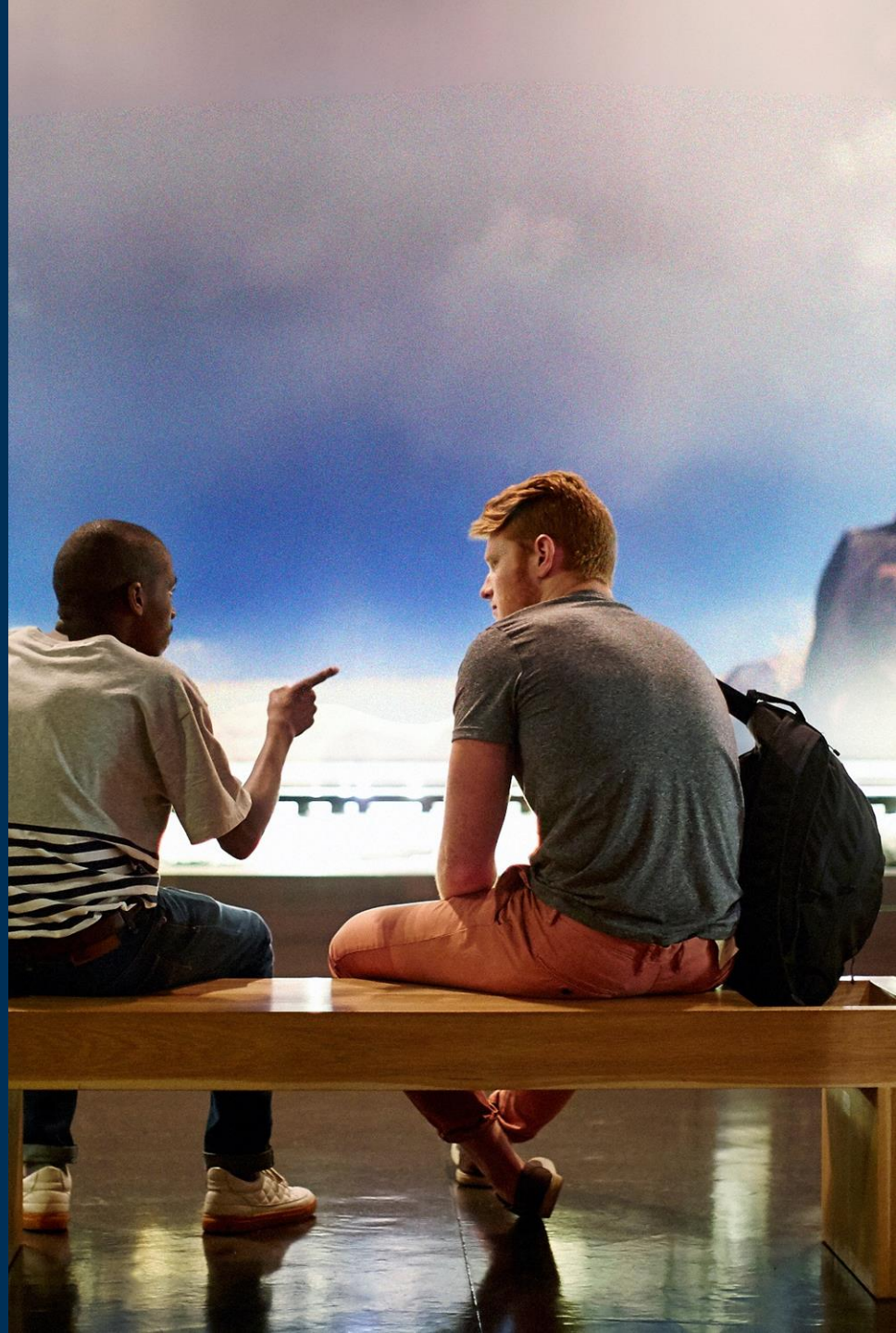
Pearson

NFEC Regional Presentation

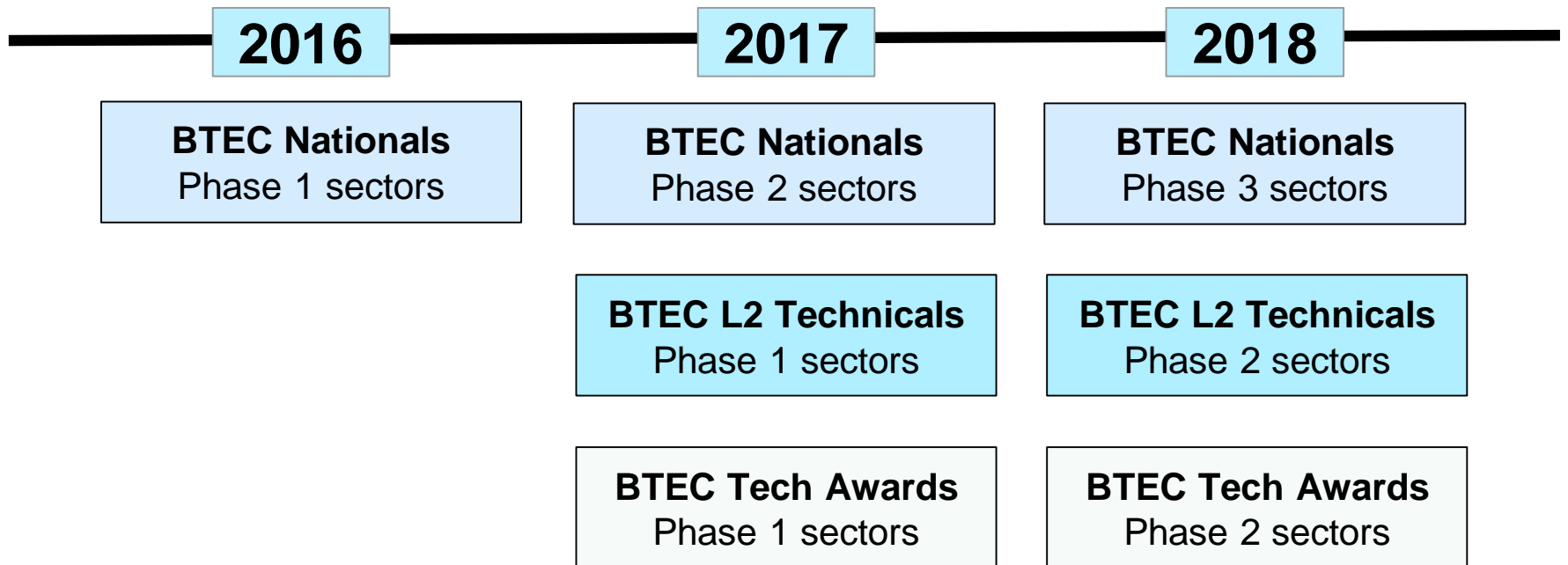
Update on BTEC, Higher
Nationals and Apprenticeships

David Lee – Curriculum
Development Manager

21st October 2016



BTEC Qualifications reform timeline



A stepping stone to Higher Education...

More BTEC-qualified students are entering HE than ever before...

In 2015, 1 in 4 students who got into university in the UK did so with a BTEC

(Source: UCAS Report – Progression Pathways, January 2016)

4 out of 5 BTEC students go on to receive a First or Second class degree

(Source: The outcomes associated with the BTEC route of degree level acquisition, London Economics 2013)

In 2015 alone, 104,940 BTEC students went on to Higher Education.

A stepping stone to employment...

37% of businesses prefer recruits to hold
**a mix of academic and vocational qualifications or
value them equally**

Source: Inspiring Growth: Pearson/Skills CBI Skills survey 2015

4 out of 5 BTEC students now in employment

think of BTEC as one of the stepping stones towards landing their dream job.

Source: London Economics, 2013

62% of large companies
have recruited employees with a BTEC qualification.

Source: YouGov Large Business Research, February 2011

BTEC Level 1 Introductory Update

Development of a graded BTEC Level 1 Introductory suite for post-16 learners

First teaching September 2016 Specifications available now online

Art and Design	Business	Caring for Children
Construction	Health and Social Care	IT
Land-based	Performing Arts	Sport
	Vocational Studies	

First teaching 2017* In development

Applied Science	Engineering
Digital Media	Hospitality and Tourism
Public Services	

* First teaching date to be confirmed

BTEC Introductory (RQF)

Structure and sizes

Certificate
180 GLH

2 personal skills units
Internally assessed
(60 GLH total)

3 sector units
Internally assessed
(120 GLH total)

Diploma
360 GLH

4 personal skills units
Internally assessed
One synoptic unit
(120 GLH total)

6 sector units
Internally assessed
(240 GLH total)

BTEC Introductory structures

NEW! Personal Skills units

Group A: Personal Skills

Unit 1: Being organised

Unit 2: Developing a Personal Progression Plan

Unit 3: Working with Others

Unit 4: Researching a Topic

✓ Units graded PMD

Optional Vocational units

Group B: Sector Skills

✓ Units reflect a process and sector knowledge is acquired where appropriate by 'doing'

✓ At least 8 optional units to be developed per sector

✓ The units are graded PMD

BTEC L2

BTEC Level 2

Latest news

What are BTEC Level 2 Technicals?

A new suite of level 2 qualifications designed to meet requirements for the new **Technical Certificate** performance measures.

First teaching from September 2017

Focused on getting post-16 learners work-ready.

Last registration date for BTEC Firsts

Extending the last registration date for current BTEC Firsts to **31 December 2019**.

This extension affects:

-  BTEC Level 2 Firsts (2010)



Pearson BTEC Level 2 Technical Certificates developments

- Focus on practical skills and assessment.
- Simple structure with small number of optional units
- External assessment
- A synoptic internal project

Which BTECs can you teach, and when?

	Level 2 qualifications you can teach now	New Level 2 qualifications you can teach from September 2017
	BTEC Firsts (14–19)	BTEC Level 2 Technicals (Post-16)
		<i>Submitted for Technical Certificate (16–19) performance measures</i>
Engineering	BTEC Level 1/Level 2 Firsts in Engineering <ul style="list-style-type: none"> • Award • Award in Engineering Design and Product Investigation • Award in Engineering Electronics and Computer Control Technologies • Extended Certificate • Diploma BTEC Level 2 Firsts in Vehicle Technology (QCF) <ul style="list-style-type: none"> • Extended Certificate • Diploma 	BTEC Level 2 Technicals for Engineering <ul style="list-style-type: none"> • Diploma in Engineering

Review of BTEC Nationals

DfE criteria for level 3 vocational qualifications in England

Characteristic	Applied General	Tech Level	Interim (2016)
A. Purpose Progression to...	... range of subjects at a higher level or to employment	... work in specific vocational areas – directly or via HE	✓
B. Size	Min 150 GLH	Min 300 GLH	✓
C. Recognition	3 HEIs	5 employers/1 PB	✓
D. Appropriate content	Min 60% mandatory	Min 40% mandatory	
E. External Assessment	Min 40%	Min 30%	
F. Synoptic Assessment	✓	✓	
G. Grading	✓	✓	
H. Employer involvement		Delivery/assessment	
I. Progression	✓	✓	
J. Proven Track Record	Take-up in first 2 yrs	Take-up in first 2 yrs	

Which new courses are available from September 2016?

The following sectors have new BTEC Nationals courses that you can start teaching now.



Animal Management



Applied Science



Art and Design



Business



Children's Play, Learning and Development



Computing



Creative Digital Media Production



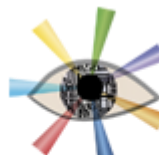
Engineering



Enterprise and Entrepreneurship



Health and Social Care



Information Technology



Music Technology




Performing Arts



Sport



Sport and Exercise Science

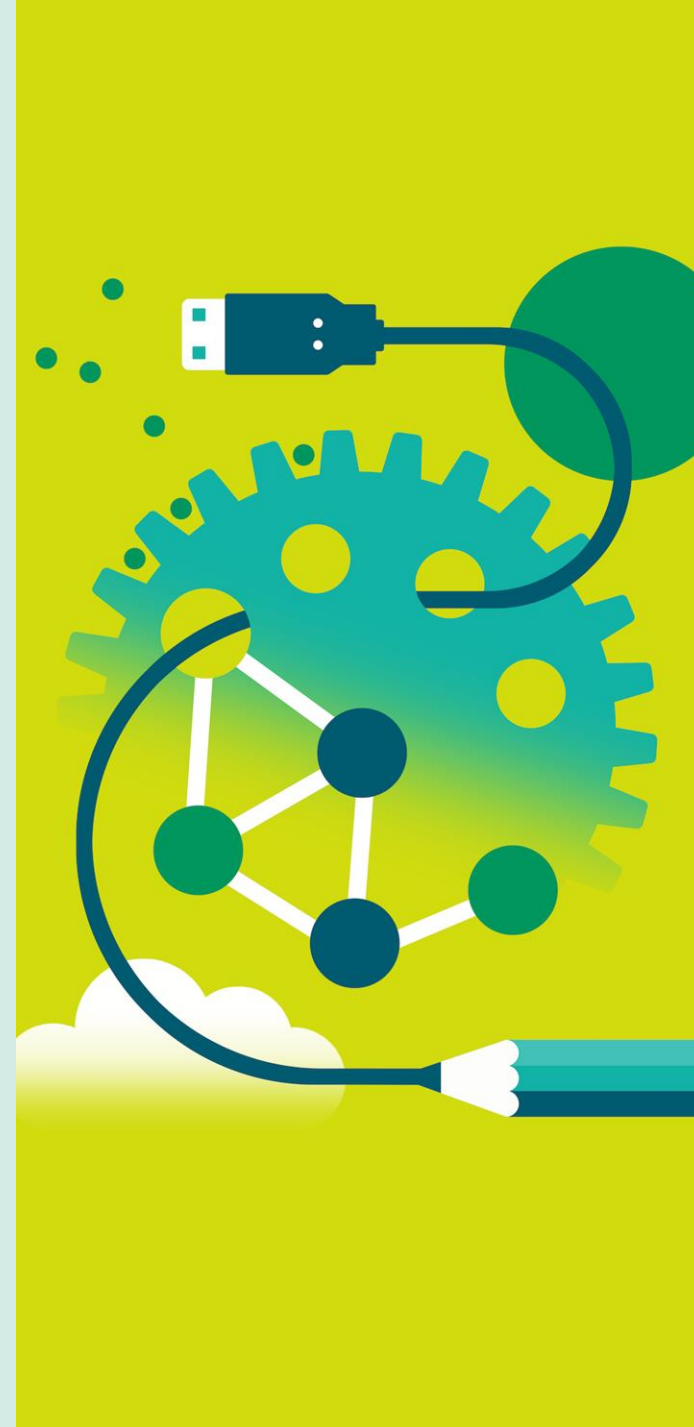
	Status	Applied General (Qualification Sizes - GLH)	Tech Levels (Pathways - 720 GLH unless stated)
Engineering		 	     
Enterprise		  	
Health and Social Care		    	
Information Technology		  	
Music Technology			 
Performing Arts		    	
Retail			
Sport		 	  
Sport & Exercise Science		 	

BTEC Higher National Qualifications

HNC/HND Engineering

There are three separate Higher Nationals in the new Engineering suite:

1. Engineering, 5 pathways at HNC and HND
 - Electrical and Electronic
 - General
 - Manufacturing
 - Mechanical
 - Operations
2. Nuclear Reactor Operations Engineering, with two pathways at HNC and one at HND
 - Mechanical (HNC)
 - Electrical and Electronic (HNC)
 - Nuclear Reactor Operations Engineering (HND)
3. Aeronautical Engineering (HNC and HND)



Engineering, core units - all pathways

All Engineering pathways share a common core at level 4 and level 5:

HNC Core:

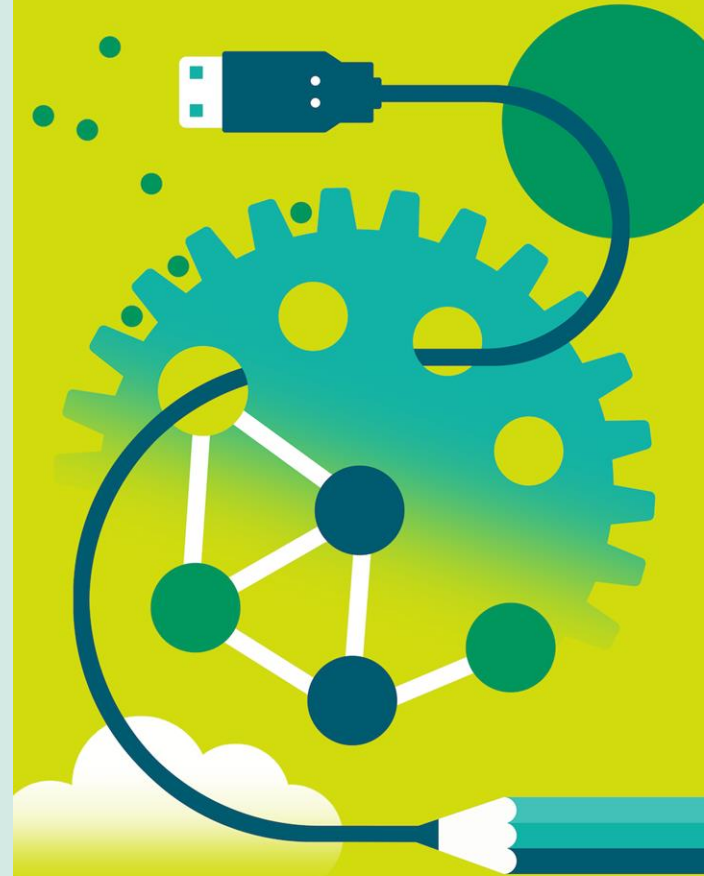
- Engineering Design (15 credits)
- Engineering Mathematics (15 credits)
- Engineering Science (15 credits)
- Managing a Professional Engineering Project (15 credits - assessed via Pearson-set assignment)

HND Core:

- Professional Engineering Management (15 credits - assessed via Pearson-set assignment)
- Research Project (30 credits)

There are a total of 64 other Specialist and Optional units across all of the Engineering pathways, allowing flexibility, specialisation and in-depth subject coverage.

All units are newly written and supported by Sample Assessment Materials and Schemes of Work.



Engineering - Professional Body and Sector Skills Council Recognition

The Engineering HN team are working with the **Professional Bodies** and **Sector Skills Councils** that represent the subject areas covered by the new qualifications to seek approval and endorsement and will announce arrangements as they become available.

Semta, the Sector Skills Council responsible for the majority of the areas of engineering covered by the new Higher Nationals has already **approved** and **endorsed** the new qualifications at levels 4 and 5.



The new apprenticeships standards

Pearson Apprenticeship Proposition

Supporting you to move from frameworks to standards

List of new standards Pearson engaged with:

- Advanced Manufacturing Engineering - Machinist
- Aerospace Software Development Engineer
- Aerospace Manufacturing Fitter
- Aerospace Manufacturing Electrical/Mechanical and Systems Fitter
- Aerospace Engineer
- Toolmaker/Tool and Die Maintenance Technician
- Product design and development technician
- Product design and development engineer
- Mechatronics Maintenance Technician
- Manufacturing Engineer
- Electronic Technical Support Engineer
- Control Technical Support Engineer
- Motor Vehicle Service and Maintenance Technician (Only AO approved to deliver EPA for this standard)
- 3x Rail Engineering standards



Please contact your Apprenticeship Development Manager to discuss what support Pearson has available to help move from frameworks to standards. Further information available at: <http://qualifications.pearson.com/en/qualifications/new-apprenticeships.html>

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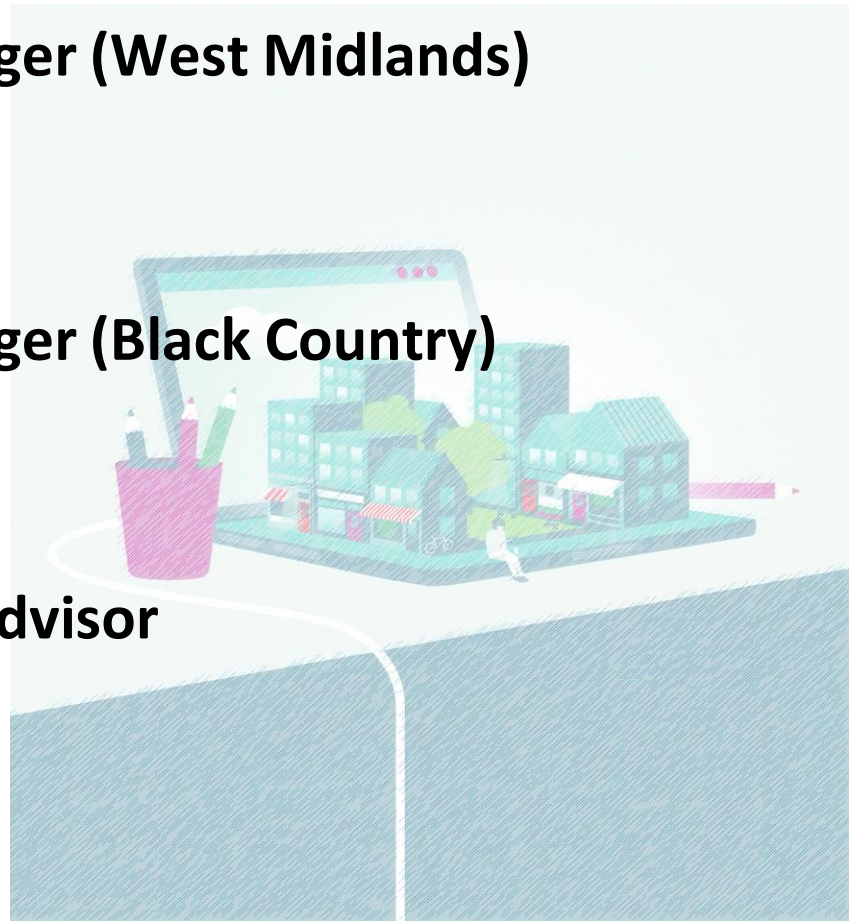
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ALWAYS LEARNING