

Pearson **Higher Nationals in** Engineering

Qualification Guide

First Teaching from September 2017 First Certification from 2018 Issue 3

> Level BTEC Higher National Certificate

BTEC





Introducing your new Pearson **BTEC Higher Nationals in** Engineering

BTEC is the world's most successful and best-loved applied learning brand, engaging students in practical, interpersonal and thinking skills for more than thirty years.

Pearson BTECs are work-related qualifications for students taking their first steps into employment or those already in employment and seeking career development opportunities. Pearson BTECs provide progression into the workplace either directly or via study at university and are also designed to meet employer's needs. Pearson BTEC Higher National qualifications are therefore widely recognised by industry and higher education as the principal technical professional gualification at Levels 4 and 5.

The Pearson BTEC Higher National Certificate (HNC) is at level 4 (the same as the first year of a UK honours degree).

The Pearson BTEC Higher National Diploma (HND) is at level 4 and level 5 (the same as the first two years of a UK honours degree).



Professional courses developed collaboratively with subject experts

With input from industry, employers, professional bodies, tutors, students, and higher education institutions, your new Pearson BTEC Higher Nationals have been designed to better meet the needs of a changing market. The result is a qualification suite designed and developed to meet professional standards, recognised by employers and universities, which develop not only academic skills and abilities, but work-readiness skills.

The objectives of the redevelopment of the Higher Nationals have been to ensure:

- employer engagement;
- work relatedness:
- opportunities for progression to further higher education;
- alignment with UK higher education expectations; and
- qualifications which are up to date with current professional practice and include professional recognition where possible

What's new?

For your new Pearson BTEC Higher National qualifications, we are building on what you've told us you value most:

- Essential subject knowledge needed by engineering students to progress successfully into further study or to the world of work or continued employment;
- A simplified structure students undertake a substantial core of learning, required by all engineers, with limited specialism in the Higher National Certificate, building on this in the Higher National Diploma, with further specialist and optional units linked to their specialist area of study;
- **Five specialist pathways** One general and four specialist pathways at Level 4 and 5 so there is something to suit each student's preference for study and future progression plans;
- **Refreshed content** that is closely aligned with professional bodies', employers' and higher education needs for a skilled future workforce:
- Assessments that consider cognitive skills (what students know) along with affective and psychomotor skills (what they can do and how they behave);
- An assessment strategy that supports progression to Level 6 studies and also allows centres to offer assessment relevant to the local employers, thereby accommodating and enhancing different learning styles;
- Learning outcomes mapped against professional body standards where appropriate;
- Unit-specific grading and Pearson-set assignments
- Robust quality assurance measures that serve to ensure that all stakeholders (e.g. professional bodies, universities, employers, centres and students) can feel confident in the integrity and the integrity and value of the qualification.

Flexible choice of subject areas and progression opportunities

Core Units Optional Units

Specialist Units

Note: If the student has no prior practical experience then it is recommended that Unit 10 Mechanical Workshop Practices is the selected optional unit

Level 4 Higher National Certificate in Engineering (General Engineering)

- **1** Engineering Design
- 2 Engineering Maths
- **3 Engineering Science**
- 4 Managing a Professional **Engineering Project**

(Pearson-set) Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

- Level 4 Higher National Certificate in Engineering (Electrical and Electronic Engineering)
- 1 Engineering Design
- 2 Engineering Maths
- **3 Engineering Science**
- 4 Managing a Professional **Engineering Project** (Pearson-set)
- **19 Electrical and Electronic** Principles
- Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below) Level 4 Higher National Certificate in Engineering (Manufacturing Engineering)

- **1** Engineering Design
- 2 Engineering Maths
- **3 Engineering Science**
- 4 Managing a Professional **Engineering Project** (Pearson-set)
- **14 Production Engineering for** Manufacture
- **17 Quality and Process** Improvement

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

General Optional Unit Bank

7 Machining and Processing of

Engineering Materials

8 Mechanical Principles*

9 Materials, Properties and

10 Mechanical Workshop

12 Engineering Management

Thermodynamics and

15 Automation, Robotics and

14 Production Engineering for

Programmable Logic Controllers

Level 4

All other pathways

6 Mechatronics

Testing

Practices

11 Fluid Mechanics

13 Fundamentals of

Heat Engines*

Manufacture*

5 Renewable Energy

General Optional Unit Bank Level 4

1 Engineering Design

2 Engineering Maths

3 Engineering Science

Engineering Project

(Pearson-set)

Engines

13 Fundamentals of

Thermodynamics and Heat

16 Instrumentation and **Control Systems** 17 Quality and Process Improvement*

- **18 Maintenance Engineering**
- **19 Electrical and Electronic Principles***
- 20 Digital Principles
- **21 Electrical Machines**
- 22 Electronic Circuits and **Devices***
- 23 Computer Aided Design and Manufacture (CAD/CAM)
- 29 Electro, Pneumatic and Hydraulic Systems
- 30 Operations and Plant Management
- **31 Electrical Systems and Fault** Finding

The new HNC and HND qualifications in Engineering offer a choice of one General Engineering pathway the choice of four specialist pathways (all pathways exist in both the HNC and HND):

- Electrical and Electronic Engineering
- Manufacturing Engineering
- Mechanical Engineering
- Operations Engineering

Each Higher National unit has a clear purpose: to cater for the increasing need for high quality professional and technical education pathways at levels 4 and 5, providing students with a clear line of sight to employment or progression to a degree at level 6.

The Higher National Certificate (HNC) is a Level 4 gualification made up of 120 credits. It is usually studied full-time over one year, or part-time over two years.

The Higher National Diploma (HND) is a Level 4 and Level 5 gualification made up of 240 credits. It is usually studied full-time over two years, or part-time over four years.

BTEC Higher Nationals consist of core units, specialist units and optional units:

- Core units are mandatory
- Specialist units are designed to provide a specific occupational focus to the qualification and are aligned to Professional Body standards
- Required combinations of optional units are clearly set out in the tables.

Level 4 Higher National Certificate in Engineering (Mechanical Engineering) 4 Managing a Professional 8 Mechanical Principles

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Plus one optional unit from General Optional Unit Bank Level 4 (see below)

Level 4 Higher National Certificate in Engineering (Operations Engineering)

- **1** Engineering Design
- 2 Engineering Maths
- **3 Engineering Science**
- 4 Managing a Professional **Engineering Project** (Pearson-set)

Plus one optional unit from Optional Unit Bank Group B (see below)

Plus one optional unit from Optional Unit Bank Group B (see below)

Plus one optional unit from Optional Unit Bank Group B (see below)

Plus one optional unit from Optional Unit Bank Group B (see below)

General Optional Unit Bank Level 4

32 CAD for Maintenance Engineers

- 73 Materials Engineering with Polymers
- 74 Polymer Manufacturing Processes

Optional Unit Bank Group B: Operations Engineering

- 29 Electro, Pneumatic and Hydraulic Systems
- 30 Operations and Plant Management
- 31 Electrical Systems and Fault Finding
- 32 CAD for Maintenance Engineers

Flexible choice of subject areas and progression opportunities

Level 5 Higher National Diploma	General Optional Unit Bank Level 4				
in Engineering	5 Renewable Energy				
(General Engineering)	(Electrical and Electronic	(Manufacturing Engineering)	(Mechanical Engineering)	(Operations Engineering)	6 Mechatronics
	Engineering)				7 Machining and Processing of Engineering Materials
1 Engineering Design	8 Mechanical Principles*				
2 Engineering Maths	9 Materials, Properties and Testing				
3 Engineering Science	10 Mechanical Workshop Practices				
88					11 Fluid Mechanics
4 Managing a Professional Engineering Project (Pearson-set)	12 Engineering Management 13 Fundamentals of Thermodynamics and Heat Engines*				
	19 Electrical and Electronic	1/ Production Engineering for	8 Mechanical Principles	Plus one ontional unit from Ontional	14 Production Engineering for Manufacture*
Optional Unit Bank Level 4 (see right)	Principles	Manufacture	13 Fundamentals of	Unit Bank Group B (see below)	15 Automation, Robotics and Programmable Logic Controllers
Plus one optional unit from General	Plus one ontional unit from General	17 Ouality and Process	Thermodynamics and Heat	Plus one optional unit from Optional	16 Instrumentation and Control Systems
Optional Unit Bank Level 4 (see right)	Optional Unit Bank Level 4 (see right)	Improvement	Engines	Unit Bank Group B (see below)	17 Quality and Process Improvement*
		· ·			18 Maintenance Engineering
Plus one optional unit from General	Plus one optional unit from Optional	19 Electrical and Electronic Principles*			
Optional Unit Bank Level 4 (see right)	Unit Bank Group B (see below)	20 Digital Principles			
Plus one optional unit from General	Plus one ontional unit from General	Plus one optional unit from General	Plus one optional unit from General	Plus one optional unit from Optional	21 Electrical Machines
Optional Unit Bank Level 4 (see right)	Unit Bank Group B (see below)	22 Electronic Circuits and Devices*			
					23 Computer Aided Design and Manufacture (CAD/CAM)
					29 Electro, Pneumatic and Hydraulic Systems
					30 Operations and Plant Management
					31 Electrical Systems and Fault Finding
Level 5 Units					32 CAD for Maintenance Engineers
34 Research Project	73 Materials Engineering with Polymers				
					74 Polymer Manufacturing Processes
35 Professional Engineering Management (Pearson-set)	Level 5 Optional Unit Bank				
					36 Advanced Mechanical Principles
39 Further Mathematics	39 Further Mathematics	48 Manufacturing Systems	36 Advanced Mechanical Principles	39 Further Mathematics	37 Virtual Engineering*
		Engineering			38 Further Thermodynamics
49 Lean Manufacturing	44 Industrial Power, Electronics	49 Lean Manufacturing 50 Advanced Manufacturing Technology	37 Virtual Engineering 39 Further Mathematics	62 Heating, Ventilation, Air Conditioning (HVAC) 63 Industrial Services	39 Further Mathematics*
Plus one optional unit from Level 5	and Storage				40 Commercial Programming Software
Optional Unit Bank (see right)	45 Industrial Systems				41 Distributed Control Systems
					42 Further PLC's
Plus one optional unit from Level 5	Plus one optional unit from Level 5		Plus one optional unit from Level 5	64 Thermofluids	43 Further Machines and Drives
Optional Unit Bank (see right)	Optional Unit Bank (see right)	Ontional Unit Bank (see right)			44 Industrial Power, Electronics and Storage*
			Optional Onit Bank (see Fight)		45 Industrial Systems*
Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right)	46 Embedded Systems
	optional only bank (see right)				47 Analogue Electronic Systems
					48 Manufacturing Systems Engineering*
					49 Lean Manufacturing*
				Ontional Unit Bank Group B	50 Advanced Manufacturing Technology*
				29 Electro, Pneumatic and Hydraulic Systems	51 Sustainability
				30 Operations and Plant Management	52 Further Electrical, Electronic and Digital Principles
r				31 Electrical Systems and Fault Finding	53 Utilisation of Electrical Power
Core Units	Specialist Units C	Optional Units		32 CAD for Maintenance Engineers	54 Fundamentals of Control Systems
					63 Industrial Services
			Optional units that are also de	noted as a specialist unit in particular pathways	64 Thermofluids

Level 5 Higher National Diploma	Level 5 Higher National Diploma	Level 5 Higher National Diploma	Level 5 Higher National Diploma	Level 5 Higher National Diploma	General Optional Unit Bank Level 4
in Engineering	in Engineering	in Engineering	in Engineering	in Engineering	5 Renewable Energy
(General Engineering)	(Electrical and Electronic	(Manufacturing Engineering)	(Mechanical Engineering)	(Operations Engineering)	6 Mechatronics
1 Engineering Design	Engineering)		1 Engineering Design	1 Engineering Design	7 Machining and Processing of Engineering Materials
1 Engineering Design	1 Engineering Design	1 Engineering Design	1 Engineering Design	1 Engineering Design	8 Mechanical Principles*
2 Engineering Maths	2 Engineering Maths	2 Engineering Maths	2 Engineering Maths	2 Engineering Maths	9 Materials, Properties and Testing
3 Engineering Science	3 Engineering Science	3 Engineering Science	3 Engineering Science	3 Engineering Science	10 Mechanical Workshop Practices
					11 Fluid Mechanics
4 Managing a Professional Engineering Project	4 Managing a Professional Engineering Project	4 Managing a Professional Engineering Project (Pearson-set)	4 Managing a Professional Engineering Project (Pearson-set)	4 Managing a Professional Engineering Project (Pearson-set)	12 Engineering Management
					13 Fundamentals of Thermodynamics and Heat Engines*
(Pearson-set)	(Pearson-set)				14 Production Engineering for Manufacture*
Plus one optional unit from General Optional Unit Bank Level 4 (see right)	19 Electrical and Electronic Principles	14 Production Engineering for Manufacture	8 Mechanical Principles	Plus one optional unit from Optional Unit Bank Group B (see below)	15 Automation, Robotics and Programmable
			13 Fundamentals of		16 Instrumentation and Control Systems
Plus one optional unit from General	Plus one optional unit from General	17 Quality and Process	Thermodynamics and Heat	Plus one optional unit from Optional	17 Quality and Process Improvement*
Optional Unit Bank Level 4 (see right)	Optional Unit Bank Level 4 (see right)	Improvement	Engines	Unit Bank Group B (see Below)	18 Maintenance Engineering
Plus one optional unit from General	Plus one optional unit from General	Plus one optional unit from General	Plus one optional unit from General	Plus one optional unit from Optional	19 Electrical and Electronic Principles*
Optional Unit Bank Level 4 (see right)	Optional Unit Bank Level 4 (see right)	Optional Unit Bank Level 4 (see right)	Optional Unit Bank Level 4 (see right)	Unit Bank Group B (see below)	20 Digital Principles
				Plus one ontional unit from Ontional	21 Electrical Machines
Plus one optional unit from General Optional Unit Bank Level 4 (see right)	Plus one optional unit from General Optional Unit Bank Level 4 (see right)	Plus one optional unit from General Optional Unit Bank Level 4 (see right)	Plus one optional unit from General Optional Unit Bank Level 4 (see right)	Unit Bank Group B (see below)	22 Electronic Circuits and Devices*
optional one bank zeret i (oce ngirt)	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·			23 Computer Aided Design and Manufacture (CAD/CAM)
					29 Electro, Pneumatic and Hydraulic Systems
					30 Operations and Plant Management
					31 Electrical Systems and Fault Finding
Level 5 Units					32 CAD for Maintenance Engineers
34 Research Project	34 Research Project	34 Research Project	34 Research Project	34 Research Project	73 Materials Engineering with Polymers
54 hesearch roject		54 Nesearch Project			74 Polymer Manufacturing Processes
35 Professional Engineering	35 Professional Engineering Management (Pearson-set)	35 Professional Engineering Management (Pearson-set)	35 Professional Engineering Management (Pearson-set)	35 Professional Engineering Management (Pearson-set)	Level 5 Optional Unit Bank
Management (Pearson-set)					36 Advanced Mechanical Principles
39 Further Mathematics	39 Further Mathematics	48 Manufacturing Systems Engineering	36 Advanced Mechanical Principles	39 Further Mathematics	37 Virtual Engineering*
					38 Further Thermodynamics
49 Lean Manufacturing Plus one optional unit from Level 5 Optional Unit Bank (see right)	44 Industrial Power, Electronics and Storage 45 Industrial Systems	49 Lean Manufacturing	37 Virtual Engineering	62 Heating, Ventilation, Air Conditioning (HVAC)	39 Further Mathematics*
					40 Commercial Programming Software
		50 Advanced Manufacturing Technology	39 Further Mathematics	63 Industrial Services	41 Distributed Control Systems
					42 Further PLC's
Plus one optional unit from Level 5 Optional Unit Bank (see right) Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right) Plus one optional unit from Level 5 Optional Unit Bank (see right)	Plus one optional unit from Level 5 Optional Unit Bank (see right) Plus one optional unit from Level 5 Optional Unit Bank (see right)	Dius and antional unit from Loval 5	64 Thermofluids Plus one optional unit from Level 5 Optional Unit Bank (see right)	43 Further Machines and Drives
			Optional Unit Bank (see right)		44 Industrial Power, Electronics and Storage*
					45 Industrial Systems*
			Plus one optional unit from Level 5 Optional Unit Bank (see right)		46 Embedded Systems
					47 Analogue Electronic Systems
					48 Manufacturing Systems Engineering*
					49 Lean Manufacturing
				Optional Unit Bank Group B	51 Sustainability
				29 Electro, Pneumatic and Hydraulic Systems	52 Further Electrical Electronic and Digital
				30 Operations and Plant Management	Principles
				31 Electrical Systems and Fault Finding	53 Utilisation of Electrical Power
Core Units	Specialist Units O	ptional Units		32 CAD for Maintenance Engineers	54 Fundamentals of Control Systems
					63 Industrial Services

Level 5 Higher National Diploma	General Optional Unit Bank Level 4		
in Engineering	5 Renewable Energy		
(Operations Engineering)	6 Mechatronics		
1 Euclideacius Davien	7 Machining and Processing of Engineering Materials		
I Engineering Design	8 Mechanical Principles*		
2 Engineering Maths	9 Materials, Properties and Testing		
3 Engineering Science	10 Mechanical Workshop Practices		
	11 Fluid Mechanics		
4 Managing a Professional	12 Engineering Management		
Engineering Project (Pearson-set)	13 Fundamentals of Thermodynamics and Heat Engines*		
Plus one optional unit from Optional	14 Production Engineering for Manufacture*		
Unit Bank Group B (see below)	15 Automation, Robotics and Programmable Logic Controllers		
Plus one optional unit from Optional	16 Instrumentation and Control Systems		
Unit Bank Group B (see below)	17 Quality and Process Improvement*		
Dive one entional whit from Ontional	18 Maintenance Engineering		
Linit Bank Group B (see below)	19 Electrical and Electronic Principles*		
onit bank droup b (see below)	20 Digital Principles		
Plus one optional unit from Optional	21 Electrical Machines		
Unit Bank Group B (see below)	22 Electronic Circuits and Devices*		
	23 Computer Aided Design and Manufacture (CAD/CAM)		
	29 Electro, Pneumatic and Hydraulic Systems		
	30 Operations and Plant Management		
	31 Electrical Systems and Fault Finding		
	32 CAD for Maintenance Engineers		
34 Research Project	73 Materials Engineering with Polymers		
25 Drefessional Engineering	74 Polymer Manufacturing Processes		
Management (Pearson-set)	Level 5 Optional Unit Bank		
	36 Advanced Mechanical Principles		
39 Further Mathematics	37 Virtual Engineering*		
	38 Further Thermodynamics		
62 Heating, Ventilation, Air	39 Further Mathematics*		
Conditioning (HVAC)	40 Commercial Programming Software		
	41 Distributed Control Systems		
63 Industrial Services	42 Further Machines and Drives		
	45 Further Machines and Drives		
64 Thermofluids	44 Industrial Power, Electronics and Storage		
	46 Embedded Systems		
Plus one optional unit from Level 5	46 Embedded Systems 47 Analogue Electronic Systems		
Optional Unit Bank (see right)	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering*		
Optional Unit Bank (see right)	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing*		
Optional Unit Bank (see right)	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology*		
Optional Unit Bank (see right)	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability		
Optional Unit Bank (see right) Optional Unit Bank Group B 29 Electro, Pneumatic and Hydraulic Systems	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability 52 Further Electrical. Electronic and Digital		
Plus one optional unit from Level 5 Optional Unit Bank (see right) Optional Unit Bank Group B 29 Electro, Pneumatic and Hydraulic Systems 30 Operations and Plant Management	46 Embedded Systems 46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability 52 Further Electrical, Electronic and Digital Principles		
Optional Unit Bank (see right) Optional Unit Bank Group B 29 Electro, Pneumatic and Hydraulic Systems 30 Operations and Plant Management 31 Electrical Systems and Fault Finding	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability 52 Further Electrical, Electronic and Digital Principles 53 Utilisation of Electrical Power		
Plus one optional unit from Level 5 Optional Unit Bank (see right) Optional Unit Bank Group B 29 Electro, Pneumatic and Hydraulic Systems 30 Operations and Plant Management 31 Electrical Systems and Fault Finding 32 CAD for Maintenance Engineers	46 Embedded Systems 46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability 52 Further Electrical, Electronic and Digital Principles 53 Utilisation of Electrical Power 54 Fundamentals of Control Systems		
Plus one optional unit from Level 5 Optional Unit Bank (see right) Optional Unit Bank Group B 29 Electro, Pneumatic and Hydraulic Systems 30 Operations and Plant Management 31 Electrical Systems and Fault Finding 32 CAD for Maintenance Engineers	46 Embedded Systems 47 Analogue Electronic Systems 48 Manufacturing Systems Engineering* 49 Lean Manufacturing* 50 Advanced Manufacturing Technology* 51 Sustainability 52 Further Electrical, Electronic and Digital Principles 53 Utilisation of Electrical Power 54 Fundamentals of Control Systems 63 Industrial Services		

Core	Units
COIC	0111125



Progression opportunities:

The purpose of Pearson BTEC Higher Nationals in Engineering is to develop students as professional, self-reflecting individuals, able to meet the demands of employers in the engineering sectors and adapt to a constantly changing world. The qualifications aim to widen access to higher education and enhance the career prospects of those who undertake them.

On successful completion of the Level 5 Higher National Diploma, students can develop their careers in the engineering sector through:

- Entering employment;
- Continuing existing employment;
- Linking with the appropriate Professional Body;
- Committing to Continuing Professional Development (CPD);
- Progressing to university.

Qualifications in engineering within the UK are referenced against the Engineering Council's UK specifications, which set standards at Levels 3, 6 and 8.

The Pearson BTEC Higher Nationals in Engineering are set at Level 4 and 5 and have been written with reference to the Engineering Council specification for Level 3 and 6. The content and level has been written following advice from the Engineering Professional Bodies and is intended to exempt holders of this qualification from the Level 4 and 5 requirements of these bodies, and articulate with the Level 6 in engineering degree courses.

Holders of a BTEC Higher National in Engineering meet the academic requirements for the Engineering Council Engineering Technician Standard (EngTech).



Employment / Career Progression



Assessment Strategy

Pearson BTECs combine a student-centred approach with a flexible, unit-based structure. Students are required to apply their knowledge to a variety of assignments and activities, with a focus on the holistic development of practical, interpersonal and higher level thinking skills. Assessment reflects not only what the student knows but also what he or she can do to succeed in employment and higher education in an ethical manner.

Pearson BTEC Higher Nationals have always allowed for a variety of forms of assessment evidence to be used, provided they are suited to the type of learning outcomes being assessed. For many units, the practical demonstration of skills is necessary and, for others, students will need to carry out their own research and analysis, working independently or as part of a team.

Resources

We are providing a wealth of support to ensure that tutors and students have the best possible experience during their course. We have worked with students and tutors worldwide to create an effective and interactive community for our qualifications, called HN Global, an exciting new online platform created by Pearson to engage with Higher National students and tutors around the world.

Created in parallel with the development of the new BTEC Higher National qualifications, HN Global houses a great number of resources for students to get the most out of their BTEC Higher National experience.

Pearson also offer Study Skills units to all learners – an online toolkit accessed on HN Global that supports the delivery, assessment and quality assurance of BTECs in centres.

www.highernationals.com



FAQs



Yes, existing providers would still be required to gain approval for delivering the new Higher National qualification but the process will be simplified for centres that meet the auto approval criteria. Approval will then be provisionally granted subject to the return of a signed declaration and payment of the approval fee. More details can be found in the support section of our website (http://qualifications.pearson.com/).

2. How long will the approval process take?

This will depend on whether the provider is eligible for auto approval. Once an existing provider has been notified of eligibility for auto approval, the approval will remain provisional until the provider returns the signed declaration and approval. If an existing provider is ineligible and requires a desk based review, the review cannot begin until the provider confirms its intention to proceed and the approval fee is paid. New providers will go through the standard provider approval process which currently takes about 20 days.

3. Is it possible for students to change their pathway at the end of their first year on the course programme?

Yes it is. Providers will need to advise Pearson registrations team and they will be able to transfer the student's registration to the appropriate pathway.

4. If Pearson are providing Sample Assessment Materials, do providers still have to devise their own assignments and complete internal verification of assignments?

Yes they do. SAMs are for guidance and support only and can be customised and amended according to localised needs and requirements. All assignments must still be moderated as per the internal verification process.

5. How will providers know what the accreditation requirements are for Professional Bodies and what students would need to do to claim accreditation.

There will be further details and guidance for providers available on the Pearson gualifications website (http://qualifications.pearson.com/).





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