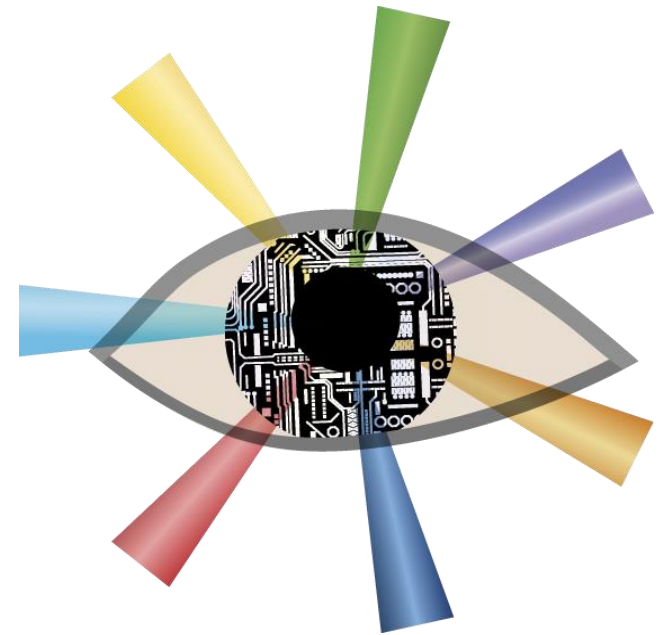
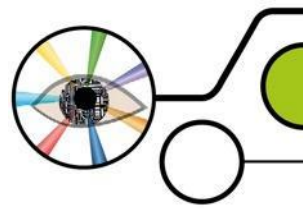


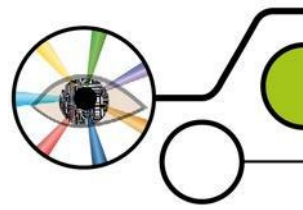
**GRTT the Pearson
BTEC Level 3 Nationals
(from 2016 and 2017)
in Information
Technology - content,
structures, and
grading**





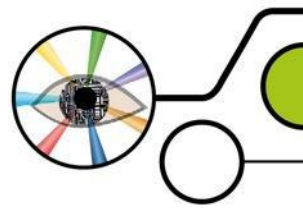
Getting to know you – Polls

Aims for the online event



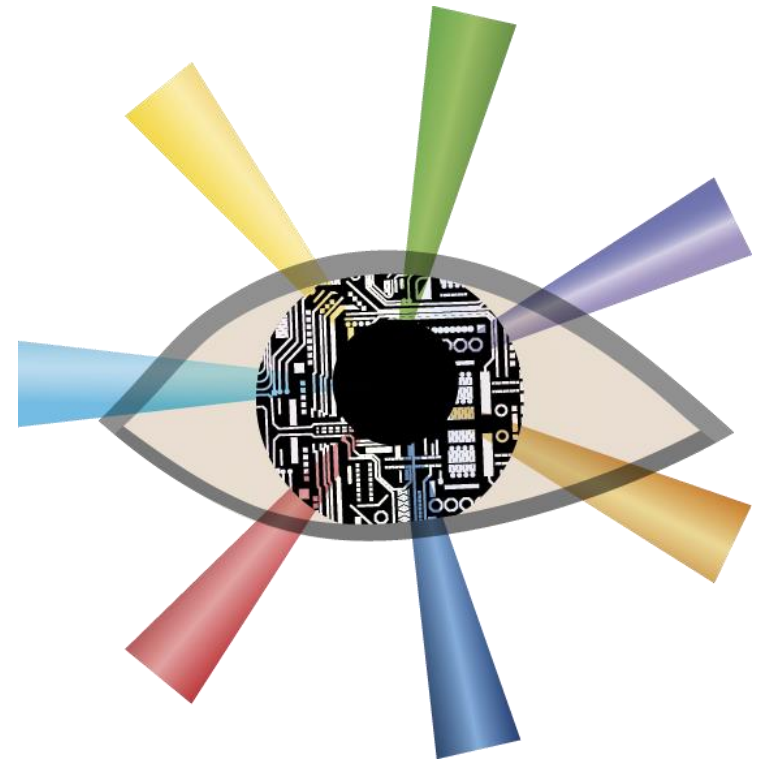
- Explore the content, structures and grading in the Pearson BTEC Level 3 Nationals and how this impacts on your existing curriculum.
- Plan curriculum delivery using a range of different approaches.
- Have the opportunity to ask a sector specialist questions.

Key features



- An element of external assessment
- Mandatory units to provide a rigorous platform for progression
- Flexible choice of subjects and course sizes
- Annual standards verifier support and feedback
- Designed for progression to HE and employment

BTEC Nationals in Information Technology Structures and pathways

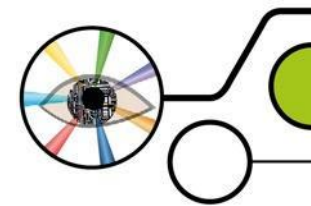


Applied General qualifications

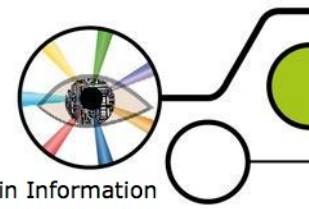


Qualification	Size	Purpose
Certificate	180GLH	Designed for learners who are interested in a basic introduction to the study of IT alongside other fields of study
Extended Certificate	360GLH	Designed for learners who are interested in an introduction to the study of creating IT systems to manage and share information, alongside other fields of study
Foundation Diploma	510GLH	Designed to support learners who wish to study IT as a 1 year full-time course
Diploma	720GLH	Designed to support learners who want an in-depth study of the computing sector as part of a 16-19 study program
Extended Diploma	1080GLH	Designed to be studied over 2 years and carries UCAS tariff points

Course sizes – Applied General



Course	GLH	No of Units	Mandatory	External	Optional	Equivalent A levels
Certificate	180	2	2	1 exam	0	0.5
Extended Certificate	360	4	3	1 exam 1 task	1	1
Foundation Diploma	510	6	4	1 exam 1 task	2	1.5
Diploma	720	8	6	1 exams 2 tasks	2	2
Extended Diploma	1080	13	7	1 exams 3 tasks	6	3



Structures of the qualifications at a glance

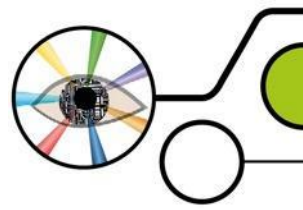
This table shows all the units and the qualifications to which they contribute. The full structure for this Pearson BTEC Level 3 National in Information Technology is shown in *Section 2*. **You must refer to the full structure to select units and plan your programme.**

Key

Unit assessed externally	M	Mandatory units	O	Optional units
--------------------------	----------	-----------------	----------	----------------

Unit (number and title)	Unit size (GLH)	Certificate (180 GLH)	Extended Certificate (360 GLH)	Foundation Diploma (510 GLH)	Diploma (720 GLH)	Diploma Extended (1080 GLH)
1 Information Technology Systems	120		M	M	M	M
2 Creating Systems to Manage Information	90	M	M	M	M	M
3 Using Social Media in Business	90	M	M	M	M	M
4 Programming	90			M	M	M
5 Data Modelling	60		O	O	O	O
6 Website Development	60		O	O	O	O
7 Mobile Apps Development	60			O	O	O
8 Computer Games Development	60			O	O	O
9 IT Project Management	90				M	M
10 Big Data and Business Analytics	60				O	O
11 Cyber Security and Incident Management	120				M	M
12 IT Technical Support and Management	60				O	O
13 Software Testing	60				O	O
14 IT Service Delivery	120					M
15 Customising and Integrating Applications	60				O	O
16 Cloud Storage and Collaboration Tools	60				O	O
17 Digital 2D and 3D Graphics	60				O	O
18 Digital Animation and Effects	60				O	O
19 The Internet of Things	60				O	O
20 Enterprise in IT	60				O	O
21 Business Process Modelling Tools	60				O	O

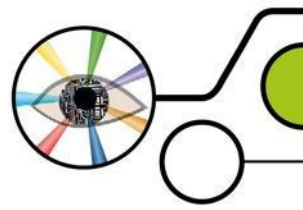
Activity 1 - Planning



Using the course sizes and qualification structure displayed, identify the units that you will deliver on your chosen size of course.

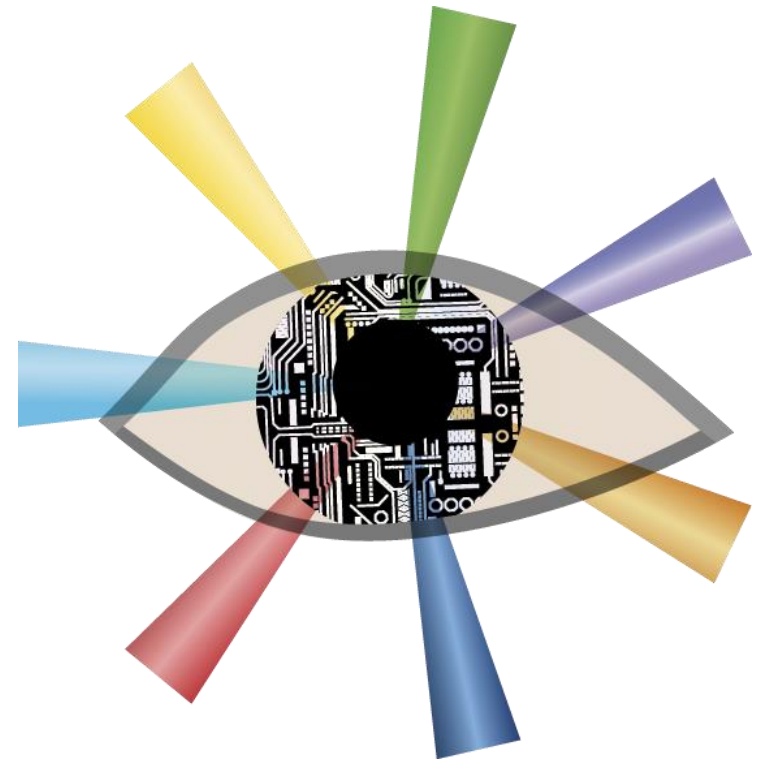
Type in your chosen course and the unit numbers into the chat window.

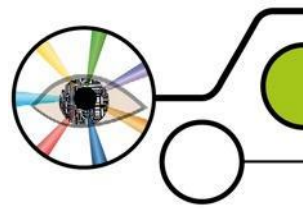
Course design considerations



- When to schedule external assessments?
- How to structure delivery with different size units?
 - Mandatory and external units 'long and thin'?
 - Optional units 'short and fat'?
- Considerations for fall-back options?
 - Mandatory units are 'must pass'
 - Unit 2 is mandatory for all sizes.

BTEC Level 3 Nationals in Information Technology Grading





Internally assessed units

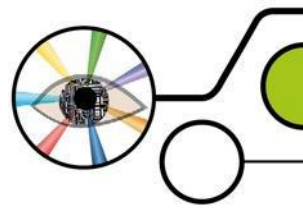
- Assessed by one or more assignments
- Each assignment targets specific grading criteria
- Once all assignments are marked a unit grade is awarded
- This can be
 - Pass
 - Merit
 - Distinction

Activity – internal assessment



Unit 3 – What are the minimum requirements for a pass grade?

Pass	Merit	Distinction
Learning aim A: Explore the impact of social media on the ways in which businesses promote their products and services		A.D1 Evaluate the business use of social media to interact with customers and promote products or services to a target audience.
A.P1 Explain the different ways in which a business can use social media. A.P2 Explain the audience profiles of different social media websites.	A.M1 Assess the different ways in which a business can use social media to attract a target audience.	
Learning aim B: Develop a plan to use social media in a business to meet requirements		BC.D2 Evaluate the plan and use of social media in a business against business requirements. BC.D3 Demonstrate individual responsibility, creativity, and effective self-management in the planning and use of social media in a business context.
B.P3 Produce a plan to use social media in a business to meet its business requirements. B.P4 Review the plan with others in order to identify and inform improvements.	B.M2 Justify planning decisions made, showing how the plan will fulfil its purpose and business requirements.	
Learning aim C: Implement the use of social media in a business		
C.P5 Produce business-related content using appropriate features of social media which meet the requirements of the plan. C.P6 Review data obtained on social media usage and interaction.	C.M3 Optimise the content, format and features of social media which meet the requirements of the plan.	

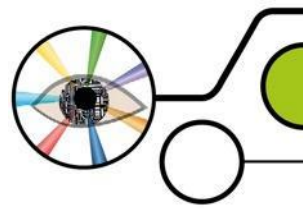


Unit grading

- **Internal** assessment
- Points table:

	Unit size	
	60 GLH	90 GLH
U	0	0
Pass	6	9
Merit	10	15
Distinction	16	24

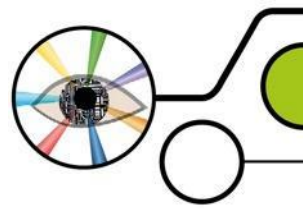
- Points from the external and internal units are added up to give a total



Unit grading

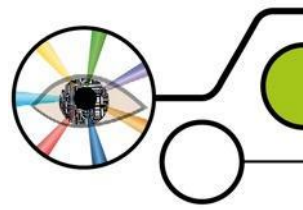
- **External** assessment
- Points table, showing new N grade

Unit grade	Unit size	
	90 GLH	120 GLH
U	<u>0</u>	<u>0</u>
<u>N</u>	<u>6</u>	<u>8</u>
P	9	12
M	15	20
D	24	32



Near pass grade (N)

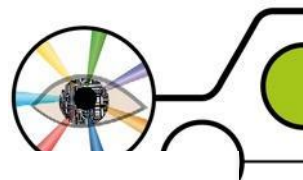
- Learners can pass the qualification if they achieve an N (near pass) grade for their external assessments
- All other eligibility requirements remain unchanged
- They still need to achieve enough points throughout the qualification



Qualification Grading

- To achieve a grade a learner must:
 - complete and report an outcome (D, M, P, or U) for all units within a valid combination
 - N (near pass) grade is applicable to external units only
 - achieve the minimum number of points at a grade threshold
 - The total points scored across all units is used to calculate the final qualification grade

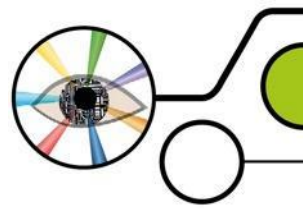
Grading



Calculation of qualification grade

Applicable for registration from 1 September 2016.

Certificate		Extended Certificate		Foundation Diploma		Diploma		Extended Diploma	
180 GLH		360 GLH		510 GLH		720 GLH		1080 GLH	
Grade	Points threshold	Grade	Points threshold	Grade	Points threshold	Grade	Points threshold	Grade	Points threshold
U	0	U	0	U	0	U	0	U	0
Pass	18	P	36	P	51	PP	72	PPP	108
						MP	88	MPP	124
								MMP	140
Merit	26	M	52	M	73	MM	104	MMM	156
						DM	124	DMM	176
								DDM	196
Distinction	42	D	74	D	104	DD	144	DDD	216
						D*D	162	D*DD	234
								D*D*D	252
Distinction*	48	D*	90	D*	130	D*D*	180	D*D*D*	270



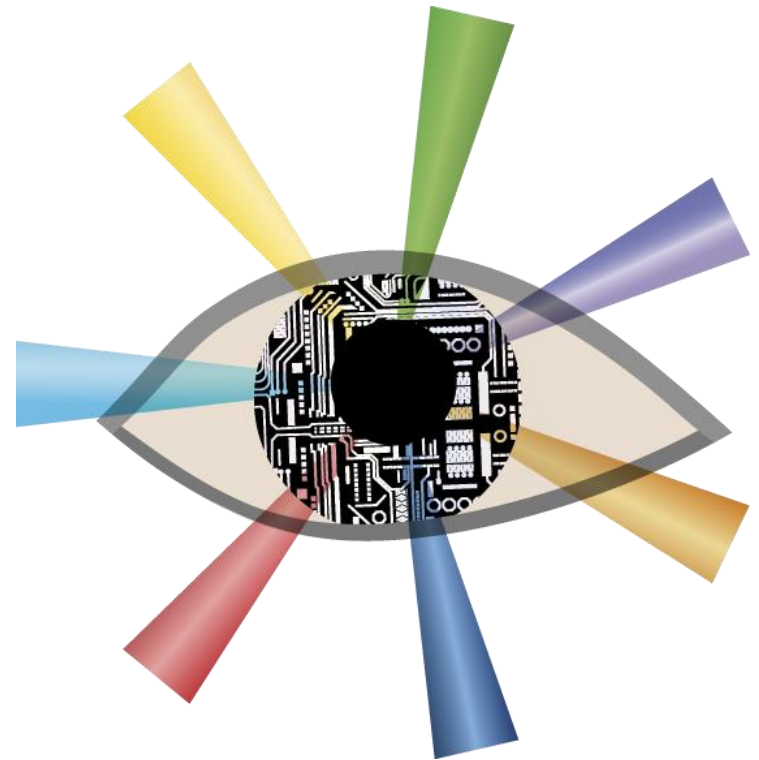
Example

- Extended Certificate
- Sufficient points for a Pass

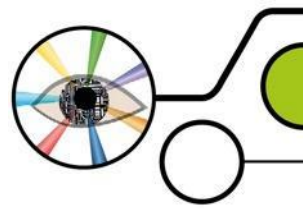
	GLH	Type	Grade	Unit points
Unit 1	120	Ext	NP	8
Unit 2	90	Ext	P	9
Unit 3	90	Int	Merit	15
Unit 5	60	Int	Merit	10
Totals	360			42

BTEC Level 3 Nationals in Information Technology

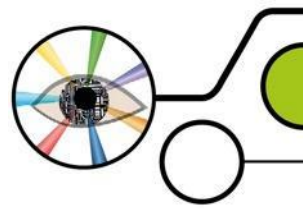
Planning for delivery



Planning for delivery



- Select qualification size
- Select optional units
- Download SoWs and Assignment briefs
- Decide order and mode of delivery
- Decide hand out and in dates for each assignment
- Create assessment plan
- Use MyBTEC to simplify tasks

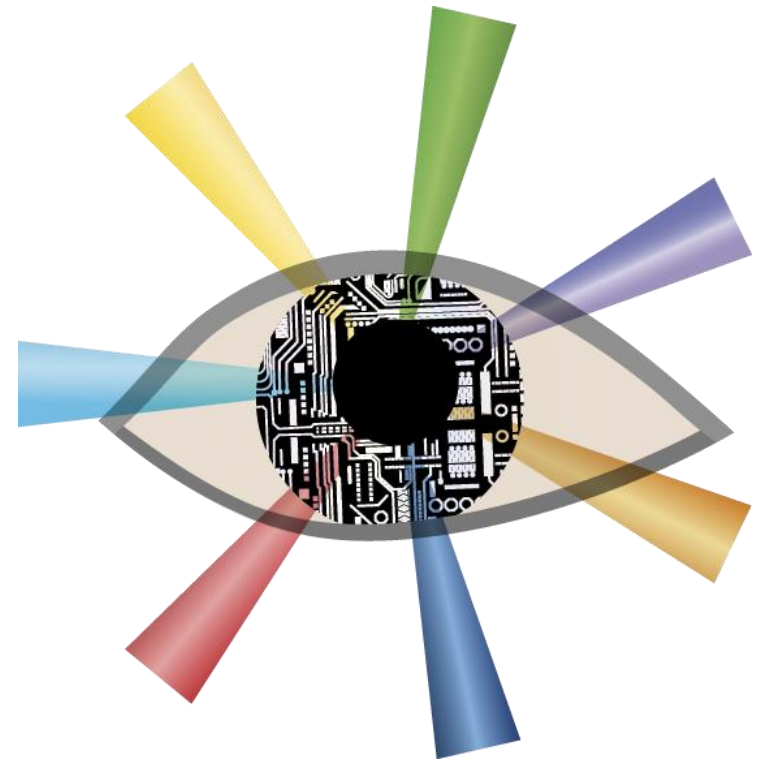


Considerations



BTEC Level 3 Nationals in Information Technology

Support and tour of website



Resources Available



Plan

Free

- Specifications
- Sample Assessment Materials
- Statement of Purpose
- Delivery Guides
- Subject Advisor
- Schemes of Work
- Mapping documents
- myBTEC
- Delivery Plan
- Curriculum Models
- Get Ready to Teach events
- Study Skills Activities

Paid for

- Various publications

Teach

Free

- Delivery Guide
- Assessment Tracking
- Mapping Documents
- FAQ's
- Internal Assessment Guides
- Mapping Documents
- Sample Marked Learner Work
- Past Training

Paid for

- Training courses
- Various Publications

Assess & Track

Free

- Authorised Assignment Briefs
- Past papers and mark schemes
- Sample Marked Learner Work
- Templates and tools
- myBTEC: Progress tracking
- Reports and feedback
- Quality Assurance Guides including Handbook, Assessment and Assignment Writing
- Standards Verifier and Quality Review visit
- Standardisation training

Develop

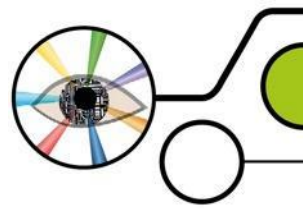
Paid for

- Training courses

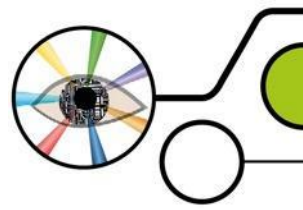
Pearson paid-for resources and other publishers' resources that are endorsed for BTEC are not a pre-requisite for the delivery of Pearson's specifications.

Paid-for resources may also be available from other publishers.

<http://qualifications.pearson.com/en/qualifications/btec-nationals/computing-2016.html>



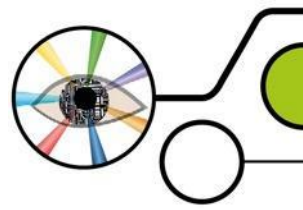
- Tour of the BTEC National in IT section of the Pearson web site



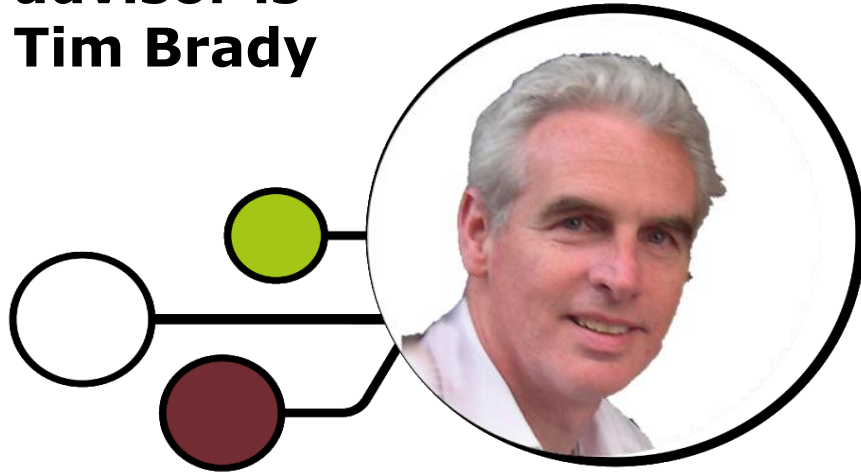
MyBTEC helps with the admin of the course:

- Create valid course combinations
- Creates assessment plan
- Tracks individual learner progress.
- Sets targets and predicted grades.
- Calculates the overall qualification grade for each learner.

**Step by step support available online, by phone
or in person**



**Your subject
advisor is
Tim Brady**



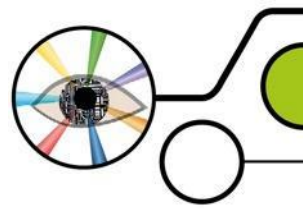
UK: 020 7010 2161

Intl: +44 (0)20 7010 2151

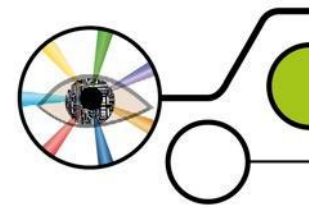


teachingICT@pearson.com

Aims for the session – have these been met?



- Explore the content, structures and grading in the Pearson BTEC Level 3 Nationals and how this impacts on your existing curriculum.
- Plan curriculum delivery using a range of different approaches.
- Have the opportunity to ask a sector specialist questions.



Thank you for attending today.

We hope you have found this event useful.

You will be emailed a link to the evaluation form after the event. In order to continue to improve our offer, please take the opportunity to complete it.

You can also access it here:

<https://goo.gl/forms/Wzl6UjQSg14ExRg22>

THANK YOU!