ART AND DESIGN
INTERACTIVE MEDIA

LEVEL

4

HNC

5

HND

QCF Accredited

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This specification is Issue 4. Key changes are sidelined. We will inform centres of any changes to this issue. The latest issue can be found on the Edexcel website: www.edexcel.com

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Edexcel BTEC Level 4 HNC Diploma in Interactive Media (QCF)

Edexcel BTEC Level 5 HND Diploma in Interactive Media (QCF)

The Qualifications and Credit Framework (QCF) has been introduced to replace the National Qualifications Framework (NQF). It recognises achievement through the award of credit for units and qualifications, working at all levels between Entry level and level 8.

To accommodate the new framework we have taken the opportunity to revise the academic level and size of the Edexcel BTEC HNCs (Higher National Certificates). These are now at level 4 and are a minimum of 120 credits in size. They have been nested within the structures of the Edexcel BTEC HNDs (Higher National Diplomas).

Edexcel BTEC HNDs remain as level 5 qualifications. They are a minimum of 240 credits in size.

The qualifications remain as Intermediate level qualifications on the Framework for Higher Education Qualifications (FHEQ). Progression to Edexcel BTEC Higher Nationals continues to be from level 3 qualifications and progression from Edexcel BTEC Higher Nationals will normally be to qualifications at level 6. Learners' progression routes do not necessarily involve qualifications at every level.

As a nested qualification the HNC is an embedded component of the HND. However, it can be taken as a stand-alone qualification.

If a learner enrols for an HNC they would be eligible to gain a grade for the HNC. If they then move onto an HND, the learner is graded on their HND performance. The grade for the HND will include units from the previously achieved HNC.

If a learner opts to take an HND from the start, then on successful completion of the HND they will receive one grade for the HND achievement only.

If a learner opts to take an HND from the start but later chooses to revert to an HNC programme, then on successful completion of the HNC they will receive a grade for the HNC achievement only.

Existing NQF Higher National units achievement can count towards the QCF Edexcel BTEC Higher Nationals.

Edexcel BTEC Higher Nationals within the QCF, NQF and FHEQ

QCF/NQF/ FHEQ level	Progression opportunities and examples of qualifications within each level
8	PhD/DPhil Professional doctorates (credit based), eg EdD
7	Master's degrees Postgraduate diplomas Postgraduate Certificate in Education (PGCE)
6	Bachelor's degrees, eg BA, BSc Professional Graduate Certificate in Education Graduate certificates and diplomas
5	**Edexcel BTEC HNDs** (Higher National Diplomas) Foundation Degrees, eg FdA, FdSc Diplomas of Higher Education (Dip HE)
4	**Edexcel BTEC HNCs** (Higher National Certificates) Certificates of Higher Education (Cert HE) Level 4 National Vocational Qualifications (NVQs)
3	Edexcel BTEC Level 3 Extended Diplomas Edexcel BTEC Level 3 Diplomas Edexcel BTEC Level 3 Subsidiary Diplomas Edexcel BTEC Level 3 Certificates GCE Advanced Level Level 3 NVQs Advanced Diplomas

Contents

Qualification titles covered by this specification

Edexcel BTEC Level 4 HNC Diploma in Interactive Media (QCF)

Edexcel BTEC Level 5 HND Diploma in Interactive Media (QCF)

These qualifications have been accredited to the Qualifications and Credit Framework (QCF). The Qualification Numbers (QNs) for these qualifications are listed below.

These qualification titles are as they will appear on learners' certificates. Learners need to be made aware of this when they are recruited by the centre and registered with Edexcel. Providing this happens, centres are able to describe the programme of study leading to the award of the qualification in different ways to suit the medium and the target audience.

Centres are reminded that The Report of the National Committee of Inquiry into Higher Education (the Dearing Report) recommended that they *'develop, for each programme they offer, a 'programme specification' which identifies potential stopping-off points and gives the intended outcomes of the programme ...'*

The Quality Assurance Agency for Higher Education (QAA) has produced guidelines for centres in preparing programme specifications (reference *Guidelines for preparing programme specifications*: QAA 115 06/06) which includes related post-Dearing developments. Annexe 2: *Working with programme specifications: a leaflet for further education colleges* of this QAA document contains additional guidance notes to support further education colleges writing programme specifications for Edexcel awards.

Qualification Numbers

The Qualifications and Credit Framework (QCF) code is known as a Qualification Number (QN). Each unit within a qualification will also have a QCF unit code.

The QCF qualification and unit codes will appear on learners' final certification documentation.

The QNs for the qualifications in this publication are:

500/9240/6   Edexcel BTEC Level 4 HNC Diploma in Interactive Media (QCF)

500/9227/3   Edexcel BTEC Level 5 HND Diploma in Interactive Media (QCF).

Introduction

This specification contains the units and associated guidance for the QCF Edexcel BTEC Level 4 HNC in Interactive Media and the Edexcel BTEC Level 5 HND in Interactive Media.

Each unit sets out the required learning outcomes, assessment criteria and content and may also include advice regarding essential delivery and assessment strategies.

This document also contains details of the teaching, learning, assessment and quality assurance of these qualifications. It includes advice about Edexcel's policies regarding access to its qualifications, the design of programmes of study and delivery modes.

Structure of the qualification

Edexcel BTEC Level 4 HNC

The Edexcel BTEC Level 4 HNC Diploma in Interactive Media is a qualification with a minimum of 120 credits of which 60 are mandatory core.

The Edexcel BTEC Level 4 HNC programme must contain a minimum of 65 credits at level 4.

Edexcel BTEC Level 5 HND

The Edexcel BTEC Level 5 HND in Diploma in Interactive Media is a qualification with a minimum of 240 credits of which 80 are mandatory core.

The Edexcel BTEC Level 5 HND programme must contain a minimum of 125 credits at level 5.

Rules of combination for Edexcel BTEC Levels 4 and 5 Higher National qualifications

The rules of combination specify the:

- total credit value of the qualification

- minimum credit to be achieved at the level of the qualification

- mandatory core unit credit

- specialist unit credit

- maximum credit that can be centre devised or imported from other QCF Edexcel BTEC Higher National qualifications.

When combining units for an Edexcel BTEC Higher National qualification it is the centre's responsibility to ensure that the following rules of combination are adhered to:

Edexcel BTEC Level 4 HNC in Interactive Media

1   Qualification credit value: a minimum of 120 credits. (A maximum of 55 credits may be at level 5.)

2   Minimum credit to be achieved at the level of the qualification (level 4): 65 credits.

3   Mandatory core unit credit: 60 credits.

4   Specialist unit credit: a minimum of 60 credits.

5   A maximum of 30 credits can be centre devised or imported from other QCF Edexcel BTEC Higher National qualifications to meet local needs. Level rules and mandatory core units must not be changed.

Edexcel BTEC Level 5 HND in Interactive Media

1   Qualification credit value: a minimum of 240 credits.

2   Minimum credit to be achieved at the level of the qualification (level 5): 125 credits.

3   Mandatory core unit credit: 80 credits.

4   Specialist unit credit: a minimum of 160 credits.

5   The requirements of the HNC have to be met.

6   A maximum of 60 credits can be centre devised or imported from other QCF Edexcel BTEC Higher National qualifications to meet local needs. Level rules and mandatory core units must not be changed.

Structure of the Edexcel BTEC Level 4 HNC in Diploma in Interactive Media

Unit number	Mandatory core units – all four units must be taken	Unit level	Unit credit
1	Visual Communication in Art and Design	4	15
2	Ideas Generation and Development in Art and Design	4	15
3	Contextual and Cultural Referencing in Art and Design	4	15
4	Professional Practice in Art and Design	5	15
	Specialist units Group A (minimum 30 credits)		
63	Interactive Media Design and Prototyping	4	15
64	Interactive Media Web Authoring	5	15
65	Animation Techniques for Interactivity in Art and Design	4	15
66	Interactive Media Presentation	5	15
67	Interactive Media Principles	4	15
68	Interactive Media Teamwork	5	15
69	3D Computer Modelling and Animation	5	15
70	Computer Interface Design Principles	5	15
71	Sound Production and Editing Using Interactive Media	4	15
72	Computer Programming Principles	4	15
73	Networks and Operating Systems	4	15
74	Computer Systems Requirements Analysis	5	15
75	Website Creation and Management	5	15
76	Interactive Media Technology	4	15
77	Audio Visual Techniques in Interactive Media	4	15
78	New Technologies in Interactive Media	5	15
79	Marketing Development Using Interactive Media	5	15
80	Professional Sound Production Using Interactive Media	5	15
81	Digital Video Post-Production and Editing	5	15
82	Computing Fundamentals	4	15
83	Project Management for Learning Using Interactive Media	5	15
84	2D, 3D and Time-based Digital Applications	4	15
85	Video Production	5	15
86	Digital Media in Art and Design	4	15
104	Lens-based Recording Techniques in Art and Design	4	15
111	Digital Image Creation and Development	5	15
130	Drawing Techniques and Processes in Art and Design	4	15

Unit number	Specialist units Group B (no minimum credit)	Unit level	Unit credit
5	Project Design, Implementation and Evaluation	5	20
6	Critical Study in Art and Design	5	15
7	Professional Studies in Art and Design	5	15
8	Ideas in Context	5	15
9	Research Project	5	20
12	Personal and Professional Development	5	15
13	Managing a Creative Business	4	15
14	Business Practice in Art and Design	5	15
15	Work-based Experience	5	15
16	Employability Skills	5	15
22	References and Sources in Art and Design	5	15
23	Communication with Images in Art and Design	5	15
94	Visual and Personal Presentation	4	15

The Edexcel BTEC Level 4 HNC programme must contain a minimum of 65 credits at level 4.

Structure of the Edexcel BTEC Level 5 HND in Diploma in Interactive Media

Unit number	Mandatory core units – all five units must be taken	Unit level	Unit credit
1	Visual Communication in Art and Design	4	15
2	Ideas Generation and Development in Art and Design	4	15
3	Contextual and Cultural Referencing in Art and Design	4	15
4	Professional Practice in Art and Design	5	15
5	Project Design, Implementation and Evaluation	5	20
	Specialist units Group A (minimum 60 credits)		
63	Interactive Media Design and Prototyping	4	15
64	Interactive Media Web Authoring	5	15
65	Animation Techniques for Interactivity in Art and Design	4	15
66	Interactive Media Presentation	5	15
67	Interactive Media Principles	4	15
68	Interactive Media Teamwork	5	15
69	3D Computer Modelling and Animation	5	15
70	Computer Interface Design Principles	5	15
71	Sound Production and Editing Using Interactive Media	4	15
72	Computer Programming Principles	4	15
73	Networks and Operating Systems	4	15
74	Computer Systems Requirements Analysis	5	15
75	Website Creation and Management	5	15
76	Interactive Media Technology	4	15
77	Audio Visual Techniques in Interactive Media	4	15
78	New Technologies in Interactive Media	5	15
79	Marketing Development Using Interactive Media	5	15
80	Professional Sound Production Using Interactive Media	5	15
81	Digital Video Post-Production and Editing	5	15
82	Computing Fundamentals	4	15
83	Project Management for Learning Using Interactive Media	5	15
84	2D, 3D and Time-based Digital Applications	4	15
85	Video Production	5	15
86	Digital Media in Art and Design	4	15

Unit number	Specialist units Group A (minimum 60 credits) continued	Unit level	Unit credit
104	Lens-based Recording Techniques in Art and Design	4	15
111	Digital Image Creation and Development	5	15
130	Drawing Techniques and Processes in Art and Design	4	15
	Specialist units Group B (no minimum credit)		
6	Critical Study in Art and Design	5	15
7	Professional Studies in Art and Design	5	15
8	Ideas in Context	5	15
9	Research Project	5	20
12	Personal and Professional Development	5	15
13	Managing a Creative Business	4	15
14	Business Practice in Art and Design	5	15
15	Work-based Experience	5	15
16	Employability Skills	5	15
22	References and Sources in Art and Design	5	15
23	Communication with Images in Art and Design	5	15
94	Visual and Personal Presentation	4	15

The Edexcel BTEC Level 5 HND programme must contain a minimum of 125 credits at level 5.

Key features

Edexcel BTEC Higher Nationals are designed to provide a specialist vocational programme, linked to professional body requirements and National Occupational Standards where appropriate.

They offer a strong, sector-related emphasis on practical skills development alongside the development of requisite knowledge and understanding.

The qualifications provide a thorough grounding in the key concepts and practical skills required in their sector and their national recognition by employers allows direct progression to employment.

A key progression path for Edexcel BTEC HNC and HND learners is to the second or third year of a degree or honours degree programme, depending on the match of the Edexcel BTEC Higher National units to the degree programme in question.

The Edexcel BTEC HNC and HND Diploma in Interactive Media offer a progression route to the professional qualifications offered by the Chartered Society of Designers.

Edexcel BTEC Higher Nationals in Interactive Media have been developed to focus on:

- providing education and training for a range of careers in interactive media
- providing opportunities for interactive media learners to achieve a nationally recognised level 4/level 5 vocationally specific qualification
- providing opportunities for full-time learners to gain a nationally recognised vocationally specific qualification to enter employment in interactive media or progress to higher education vocational qualifications such as a full-time degree in interactive media or related area
- developing the knowledge, understanding and skills of learners in the field of interactive media
- providing opportunities for learners to focus on the development of higher-level skills in an interactive media context
- providing opportunities for learners to develop a range of skills and techniques and attributes essential for successful performance in working life
- develop learners' ability to manage themselves
- develop learners' critical awareness and their ability to research and synthesise complex information
- develop learners' skills in communication and presentation
- develop learners' ability to handle information.

Professional body recognition

The Edexcel BTEC Higher Nationals in Interactive Media have been developed with career progression and recognition by professional bodies in mind. It is essential that learners gain the maximum benefit from their programme of study.

Learners can apply for student membership of the Chartered Society of Designers. Learners can also apply for membership of the British Interactive Media Association and the Broadcasting Entertainment Cinematograph and Theatre Union.

Further details of professional body recognition and exemptions for Edexcel BTEC Higher Nationals are given in the *BTEC Higher Nationals – Professional Recognition and Progression Directory 2008* available from our website: www.edexcel.com/quals/hn/Pages/Keydocuments.aspx.

National Occupational Standards

Edexcel BTEC Higher Nationals in Interactive Media are designed to relate to the National Occupational Standards in the level 4 and level 5 developed by Skillset Sector skills Councils in the area of Interactive Media and Computer Games, which in turn form the basis of National Vocational Qualifications (NVQs). Edexcel BTEC Higher Nationals do not purport to deliver occupational competence in the sector, which should be demonstrated in a work context. However, the qualifications provide underpinning knowledge for the National Occupational Standards, as well as developing practical skills in preparation for work and possible achievement of NVQs in due course.

Links to National Occupational Standards are indicated in individual units.

Annexe B contains mapping of the Higher National units in this specification against relevant Level 4 NVQs where appropriate.

Qualification Requirement

Edexcel has published Qualification Requirements as part of the revision of Edexcel BTEC Higher Nationals. Qualification Requirements set out the aims and rationale of the qualifications and provide the framework of curriculum content. They also identify the higher-level skills associated with the qualifications and any recognition by relevant professional bodies. The Qualification Requirement for the Edexcel BTEC Higher Nationals in Interactive Media is given in *Annexe A*.

Edexcel standard specification titles are developed from the Qualification Requirements. Licensed centres comply with Qualification Requirements when developing Higher Nationals under these standard titles.

Qualification Requirements provide consistent standards within the same vocational area and identify the skills and knowledge that can be expected of any holder of an identical Edexcel BTEC Higher National. This will allow higher education institutions, employers and professional bodies to confidently provide progression opportunities to successful learners.

Higher-level skills

Learners studying for Edexcel BTEC Higher Nationals in Interactive Media will be expected to develop the following skills during the programme of study:

- synthesis of a range of concepts, knowledge and skills relating to interactive media
- application of complex theories to practical realistic work situations in the interactive media sectors
- independence of approach to study and the generation of interactive media evidence
- ability to engage with complex and/or unpredictable situations in interactive media contexts
- ability to take responsibility to manage and direct their own and others' activities
- insight and judgement in relation to the margins and consequences of error

- research and investigative skills

- responsiveness to change and ability to multi-task

- ability to innovate and work in a creative way.

Edexcel BTEC Level 4 HNC

The Edexcel BTEC Level 4 HNC Diploma in Interactive Media provides a specialist work-related programme of study that covers the key knowledge, understanding and practical skills required in the interactive media sector and also offers particular specialist emphasis through the choice of specialist units.

Edexcel BTEC Level 4 HNCs provide a nationally recognised qualification offering career progression and professional development for those already in employment and opportunities to progress into higher education. The qualifications are mode free but they are primarily undertaken by part-time learners studying over two years. In some sectors there are opportunities for those wishing to complete an intensive programme of study in a shorter period of time.

This specification gives centres a framework to develop engaging programmes for higher education learners who are clear about the area of employment that they wish to enter.

The Edexcel BTEC Level 4 HNC Diploma in Interactive Media offers a progression route for learners who are employed in the interactive media industry.

Edexcel BTEC Level 5 HND

The Edexcel BTEC Level 5 HND provides greater breadth and specialisation than the Edexcel BTEC Level 4 HNC. Edexcel BTEC HNDs are mode free but are followed predominately by full-time learners. They allow progression into or within employment in the interactive media sector, either directly on achievement of the award or following further study to degree level.

The Edexcel BTEC Level 5 HND Diploma in Interactive Media provides opportunities for learners to apply their knowledge and practical skills in the workplace. Full-time learners have the opportunity to do this through formal work placements or part-time employment experience.

The qualification prepares learners for employment in the interactive media sector and will be suitable for learners who have already decided that they wish to enter this area of work. Some adult learners may wish to make the commitment required by this qualification in order to enter a specialist area of employment in interactive media or progress into higher education. Other learners may want to extend the specialism that they followed on the Edexcel BTEC Level 4 HNC programme.

The Edexcel BTEC Level 5 HND Diploma in Interactive Media offers a progression route for learners who are studying on an Edexcel BTEC Level 4 HNC Diploma in Interactive Media

Progression from this qualification may well be into or within employment in the interactive media sector where learners may work towards full membership of relevant professional associations, such as British Design Innovation (BDI), the Chartered Society of Designers, the Design Business Association, or Design and Art Direction (D&AD).

Teaching, learning and assessment

Learners must achieve a minimum of 120 credits (of which at least 65 must be at level 4) on their programme of learning to be awarded an Edexcel BTEC Level 4 HNC and a minimum of 240 credits (of which at level 5) to be awarded an Edexcel BTEC Level 5 HND.

The assessment of Edexcel BTEC Higher National qualifications is criterion-referenced and centres are required to assess learners' evidence against published learning outcomes and assessment criteria.

All units will be individually graded as 'pass', 'merit' or 'distinction'. To achieve a pass grade for the unit learners must meet the assessment criteria set out in the specifications. This gives transparency to the assessment process and provides for the establishment of national standards for each qualification.

The units in Edexcel BTEC Higher National qualifications all have a standard format which is designed to provide guidance on the requirements of the qualification for learners, assessors and those responsible for monitoring national standards.

Unit format

Each unit is set out in the following way.

Unit title, unit code, QCF level and credit value

The unit title is accredited on the QCF and this form of words will appear on the learner's Notification of Performance.

Each unit is assigned a level, indicating the relative intellectual demand, complexity and depth of study, and learner autonomy. All units and qualifications within the QCF will have a level assigned to them, which represents the level of achievement. There are nine levels of achievement, from Entry level to level 8. The level of the unit has been informed by the QCF level descriptors and, where appropriate, the National Occupational Standards (NOS) and/or other sector/professional benchmarks.

Each unit in Edexcel BTEC Higher National qualifications has a credit value which specifies the number of credits that will be awarded to a learner who has achieved all the learning outcomes of the unit. Learners will be awarded credits for the successful completion of whole units.

Aim

The aim provides a clear summary of the purpose of the unit and is a succinct statement that summarises the learning outcomes of the unit.

Unit abstract

The unit abstract gives the reader an appreciation of the unit in the vocational setting of the qualification, as well as highlighting the focus of the unit. It gives the reader a snapshot of the unit and the key knowledge, skills and understanding gained while studying the unit. The unit abstract also highlights any links to the appropriate vocational sector by describing how the unit relates to that sector.

Learning outcomes

The learning outcomes identify what each learner must do in order to pass the unit. Learning outcomes state exactly what a learner should 'know, understand or be able to do' as a result of completing the unit. Learners must achieve all the learning outcomes in order to pass the unit.

Unit content

The unit content identifies the breadth of knowledge, skills and understanding needed to design and deliver a programme of learning to achieve each of the learning outcomes. This is informed by the underpinning knowledge and understanding requirements of relevant National Occupational Standards (NOS) where appropriate.

Each learning outcome is stated in full and then the key phrases or concepts related to that learning outcome are listed in italics followed by the subsequent range of related topics.

The information below shows how unit content is structured and gives the terminology used to explain the different components within the content.

- Learning outcome: this is given in bold at the beginning of each section of content.

- Italicised sub-heading: it contains a key phrase or concept. This is content which must be covered in the delivery of the unit. Colons mark the end of an italicised sub-heading.

- Elements of content: the elements are in roman text and amplify the sub-heading. The elements must also be covered in the delivery of the unit. Semi-colons mark the end of an element.

- Brackets contain amplification of elements of content which must be covered in the delivery of the unit.

- 'eg' is a list of examples used for indicative amplification of an element (that is, the content specified in this amplification that could be covered or that could be replaced by other, similar material).

It is not a requirement of the unit specification that all of the content is assessed.

Learning outcomes and assessment criteria

Each unit contains statements of the evidence that each learner should produce in order to receive a pass.

Guidance

This section provides additional guidance and amplification related to the unit to support tutors/deliverers and assessors. Its subsections are given below.

- *Links* – sets out possible links between units within the specification. Provides opportunities for the integration of learning, delivery and assessment. Links to relevant National Occupational Standards and Professional Bodies Standards will be highlighted here.

- *Essential requirements* – essential, unique physical and/or staffing resources or delivery/assessment requirements needed for the delivery of this unit are specified here.

- *Employer engagement and vocational contexts* – this is an optional section. Where relevant it offers suggestions for employer contact to enhance the delivery of the unit.

These subsections should be read in conjunction with the learning outcomes, unit content, assessment criteria and the generic grade descriptors.

The centre will be asked to ensure that essential resources are in place when it seeks approval from Edexcel to offer the qualification.

Learning and assessment

The purpose of assessment is to ensure that effective learning of the content of each unit has taken place. Evidence of this learning, or the application of the learning, is required for each unit. The assessment of the evidence relates directly to the assessment criteria for each unit, supported by the generic grade descriptors.

The process of assessment can aid effective learning by seeking and interpreting evidence to decide the stage that learners have reached in their learning, what further learning needs to take place and how best to do this. Therefore, the process of assessment should be part of the effective planning of teaching and learning by providing opportunities for both the learner and assessor to obtain information about progress towards learning goals.

The assessor and learner must be actively engaged in promoting a common understanding of the assessment criteria and the grade descriptors (what it is they are trying to achieve and how well they achieve it) for further learning to take place. Therefore, learners need constructive feedback and guidance about how they may improve by capitalising on their strengths and clear and constructive comments about their weaknesses and how these might be addressed.

Assessment instruments are constructed within centres. They should collectively ensure coverage of all assessment criteria within each unit and should provide opportunities for the evidencing of all the grade descriptors.

It is advised that assessment criteria and contextualised grade descriptors are clearly indicated on each assessment instrument to provide a focus for learners (for transparency and to ensure that feedback is specific to the criteria) and to assist with internal standardisation processes. Tasks/activities should enable learners to produce evidence that relates directly to the assessment criteria and grade descriptors.

When centres are designing assessment instruments, they need to ensure that the instruments are valid, reliable and fit for purpose, building on the application of the assessment criteria. Centres are encouraged to place emphasis on practical application of the assessment criteria, providing a realistic scenario for learners to adopt, making maximum use of work-related practical experience and reflecting typical practice in the sector concerned. The creation of assessment instruments that are fit for purpose is vital to achievement and their importance cannot be over-emphasised.

Grading Higher National units

The grading of Edexcel BTEC Higher National qualifications is at the unit and the qualification level.

Each successfully completed unit will be graded as a pass, merit or distinction.

A pass is awarded for the achievement of all outcomes against the specified assessment criteria.

Merit and distinction grades are awarded for higher-level achievement. The generic merit and distinction grade descriptors listed in *Annexe C* are for grading the total evidence produced for each unit and describe the learner's performance over and above that for a pass grade. They can be achieved in a flexible way, for example in a sequential or holistic mode, to reflect the nature of the sector concerned.

Each of the generic merit and distinction grade descriptors can be amplified by use of **indicative characteristics**. These give a guide to the expected learner performance, and support the generic grade descriptors. The indicative characteristics should reflect the nature of a unit and the context of the sector programme.

The indicative characteristics shown in the table for each of the generic grade descriptors in *Annexe C* **are not exhaustive**. Consequently, centres should select appropriate characteristics from the list **or construct others** that are appropriate for their sector programme and level.

It is important to note that each assessment activity does not need to incorporate all the merit and/or distinction grade descriptors.

Contextualising the generic grade descriptors

The generic merit and distinction grade descriptors need to be viewed as a qualitative extension of the assessment criteria for pass within each individual unit. The relevant generic grade descriptors must be identified and specified within an assignment and the relevant indicative characteristics should be used to place the required evidence in context.

Summary of grades

In order to achieve a **pass** in a unit	• all learning outcomes and associated assessment criteria have been met
In order to achieve a **merit** in a unit	• pass requirements achieved • all merit grade descriptors achieved
In order to achieve a **distinction** in a unit	• pass and merit requirements achieved • all distinction grade descriptors achieved

Calculation of the qualification grade

Pass qualification grade

Learners who achieve the minimum eligible credit value specified by the rule of combination will achieve the qualification at pass grade (see section *Rules of combination for the Edexcel BTEC Levels 4 and 5 Higher National qualifications*).

Qualification grades above pass grade

Learners will be awarded a merit or distinction qualification grade by the aggregation of points gained through the successful achievement of individual units. **The graded section of both the HNC and the HND is based on the learner's best performance in units at the level or above of the qualification to the value of 75 credits.**

The number of points available is dependent on the unit grade achieved and the credit size of the unit (as shown in the 'Points available per credit at specified unit grades' table below).

Points available per credit at specified unit grades

Points per credit		
Pass	**Merit**	**Distinction**
0	1	2

Qualification grades

Edexcel BTEC Level 4 HNC

Points range	Grade	
0-74	Pass	P
75-149	Merit	M
150	Distinction	D

Edexcel BTEC Level 5 HND

Points range	Grade	
0-74	Pass	P
75-149	Merit	M
150	Distinction	D

Annexe E gives examples of how qualification grades are calculated.

The grade achieved in units from an appropriate HNC may contribute to an HND grade.

If a learner moves from HNC to HND then credits from both the HNC and HND can contribute to the best 75 credits of the overall HND grade.

Recognition of Prior Learning

Recognition of Prior Learning (RPL) is a method of assessment (leading to the award of credit) that considers whether a learner can demonstrate that they can meet the assessment requirements for a unit through knowledge, understanding or skills they already possess and so do not need to develop through a course of learning.

Edexcel encourages centres to recognise learners' previous achievements and experiences whether at work, home and at leisure, as well as in the classroom. RPL provides a route for the recognition of the achievements resulting from continuous learning.

RPL enables recognition of achievement from a range of activities using any valid assessment methodology. Provided that the assessment requirements of a given unit or qualification have been met, the use of RPL is acceptable for accrediting a unit, units or a whole qualification. Evidence of learning must be valid and reliable.

For full guidance about Edexcel's policy on RPL please see our *Recognition of Prior Learning Policy* on our website. Please go to http://www.edexcel.com/Policies/Documents/Recognition of Prior Learning.pdf

Quality assurance of Edexcel BTEC Higher Nationals

Edexcel's quality assurance system for all BTEC higher level programmes on the QCF at Levels 4–7 will ensure that centres have effective quality assurance processes to review programme delivery. It will also ensure that the outcomes of assessment are to national standards.

The quality assurance process for centres offering Edexcel BTEC higher level programmes on the QCF at Levels 4–7 comprises three key components.

1) Approval process

Approval to offer Edexcel BTEC Higher National qualifications will vary depending on the status of the centre.

Centres that have a recent history of delivering Edexcel BTEC Higher National qualifications and have an acceptable quality profile in relation to their delivery will be able to gain approval through Edexcel Online.

Centres new to the delivery of Edexcel BTEC Higher National qualifications will be required to seek approval through the existing Edexcel qualification and centre approval process. Prior to approval being given, centres will be required to submit evidence to demonstrate that they:

- have the human and physical resources required for effective delivery and assessment

- understand the implications for independent assessment and agree to abide by these

- have a robust internal assessment system supported by 'fit for purpose' assessment documentation

- have a system to internally verify assessment decisions, to ensure standardised assessment decisions are made across all assessors and sites.

Such applications have to be supported by the head of the centre (principal, chief executive etc). and include a declaration that the centre will operate the programmes strictly as approved and in line with Edexcel requirements.

2) Monitoring of internal centre systems

Centres will be required to demonstrate ongoing fulfilment of the centre approval criteria over time and across all programmes. The process that assures this is external examination, which is undertaken by Edexcel's External Examiners. Centres will be given the opportunity to present evidence of the ongoing suitability and deployment of their systems to carry out the required functions. This includes the consistent application of policies affecting learner registrations, appeals, effective internal examination and standardisation processes. Where appropriate, centres may present evidence of their operation within a recognised code of practice, such as that of the Quality Assurance Agency for Higher Education. Edexcel reserves the right to confirm independently that these arrangements are operating to Edexcel's satisfaction.

Edexcel will affirm, or not, the ongoing effectiveness of such systems. Where system failures are identified, sanctions (appropriate to the nature of the problem) will be applied in order to assist the centre in correcting the problem.

3) Independent assessment review

The internal assessment outcomes reached for all Edexcel BTEC higher level programmes on the Qualifications and Credit Framework at Levels 4-7 are subject to an independent assessment review by an Edexcel-appointed External Examiner.

The outcomes of this process will be to:

- confirm that internal assessment is to national standards and allow certification

or

- make recommendations to improve the quality of assessment outcomes before certification is released

or

- make recommendations about the centre's ability to continue to be approved for the qualifications in question.

Additional arrangement for ALL centres

Regardless of the type of centre, Edexcel reserves the right to withdraw either qualification or centre approval when it deems there is an irreversible breakdown in the centre's ability either to quality assure its programme delivery or its assessment standards.

Programme design and delivery

Edexcel BTEC Higher National qualifications consist of mandatory core units and specialist units. The specialist units are designed to provide a specific focus to the qualification. Required combinations of specialist units are clearly set out in relation to each qualification in the defined qualification structures provided in this document.

In Edexcel BTEC Higher National qualifications each unit's credit value usually consists of multiples of 5 credits. Most units are 15 credits in value. These units have been designed from a learning time perspective. **Each 15-credit unit approximates to a learning time of 150 hours**.

These new Edexcel BTEC Level 5 HND qualifications are the same size as the Edexcel Level 5 BTEC Higher National Diplomas which were accredited onto the National Qualifications Framework (NQF). Therefore, it is expected that these Edexcel BTEC Level 5 HNDs, accredited onto the Qualifications and Credit Framework (QCF), will also require approximately 960 guided learning hours (GLH).

Consequently, using the above approach, the new Edexcel BTEC Level 4 HNCs, which are accredited onto the QCF, and are now half the size of the Edexcel BTEC Level 5 Higher National Diplomas, will require approximately 480 GLH.

Within the information relating to these units on the QCF, each 15-credit unit has been allocated a figure of 60 GLH to help guide centres (other units with smaller or larger credit values have figures calculated on a pro rata basis). Centres delivering these qualifications are required to use their professional expertise in the design and delivery of these qualifications within the overall guided learning hours for the qualification.

Guided learning hours are defined as all the time when a tutor, trainer or facilitator is present to give specific guidance towards the learning aim being studied on a programme. This definition includes lectures, tutorials and supervised study in, for example, open learning centres and learning workshops. It also includes time spent by staff assessing learners' achievements. It does not include time spent by staff in day-to-day marking of assignments where the learner is not present.

Learning time is defined as the time taken by learners at the level of the unit, on average, to complete the learning outcomes of the unit to the standard determined by the assessment criteria. It should address all learning (including assessment) relevant to the learning outcomes, regardless of where, when and how the learning has taken place.

Centres are advised to consider this definition when planning the programme of study associated with this specification.

Annexe D provides information for centres and learners who wish to compare, for teaching and learning purposes, the units of the NQF Edexcel Level 5 BTEC Higher Nationals in Interactive Media with the new units of the QCF Edexcel BTEC Higher Nationals in Interactive Media.

Mode of delivery

Edexcel does not define the mode of study for Edexcel BTEC Higher National qualifications. Centres are free to offer the qualification(s) using any mode of delivery that meets the needs of their learners. This may be through traditional classroom teaching, open learning, distance learning or a combination of these. Whatever mode of delivery is used, centres must ensure that learners have appropriate access to the resources identified in the specification and to the subject specialists delivering the units. This is particularly important for learners studying for the qualification through open or distance learning.

Full guidance on our policies on 'distance assessment' and 'electronic assessment' are given on our website.

Learners studying for the qualification on a part-time basis bring with them a wealth of experience that should be utilised to maximum effect by tutors and assessors. Assessment instruments based on learners' work environments should be encouraged. Those planning the programme should aim to enhance the vocational nature of the Edexcel BTEC Higher National qualification by:

- liaising with employers to ensure that the course is relevant to learners' specific needs

- accessing and using non-confidential data and documents from learners' workplaces

- including sponsoring employers in the delivery of the programme and, where appropriate, in the assessment

- linking with company-based/workplace training programmes

- making full use of the variety of experiences of work and life that learners bring to the programme.

Resources

Edexcel BTEC Higher National qualifications are designed to prepare learners for employment in specific industry sectors.

Physical resources need to support the delivery of the programme and the proper assessment of the outcomes and, therefore, should normally be of industry standard.

Staff delivering programmes and conducting the assessments should be familiar with current practice, legislation and standards used in the sector concerned.

Centres will need to meet any specialist resource requirements when they seek approval from Edexcel.

Please refer to the *Essential requirements* section in individual units for specialist resource requirements.

Delivery approach

It is important that centres develop an approach to teaching and learning that supports the specialist vocational nature of the Edexcel BTEC Higher National qualification. Specifications contain a balance of practical skill development and knowledge requirements, some of which can be theoretical in nature. Tutors and assessors need to ensure that appropriate links are made between theory and practice and that the knowledge base is applied to the sector. This will require the development of relevant and up-to-date teaching materials that allow learners to apply their learning to actual events and activities within the sector. Maximum use should be made of the learner's experience.

Meeting local needs

Centres should note that the qualifications set out in these specifications have been developed in consultation with centres, employers in the interactive media sector, together with support from Skillset Sector Skills Council (SSC).

The units are designed to meet the skill needs of the sector and the specialist units allow coverage of the full range of employment within the sector. Centres should make maximum use of the choice available to them within the specialist units to meet the needs of their learners, as well as the local skills and training needs identified by organisations such as Regional Development Agencies and local funding agencies.

Centres may not always be able to meet local needs using the units in this specification. In this situation, centres can seek approval from Edexcel to use units from other Edexcel BTEC Higher National qualifications on the QCF. Centres will need to justify the need for importing units from other specifications and Edexcel will ensure that the vocational focus of the qualification remains the same.

Locally-devised specialist units

There may be exceptional circumstances where even the flexibility of importing units from other specifications does not meet a particular local need. In this case, centres can seek permission from Edexcel to develop a unit(s) with us to meet this need. Permission will be granted only in a limited number of cases.

Edexcel will ensure that the integrity of the qualification is not compromised and that there is a minimum of overlap and duplication of content of existing units. Centres will need strong evidence of the local need and the reasons why the existing standard units are inappropriate. Edexcel will validate these units.

Limitations on variations from standard specifications

The flexibility to import standard units from other QCF Edexcel BTEC Higher National specifications and/or to develop unique locally-devised specialist units is **limited to a maximum of 30 credits in an Edexcel BTEC HNC qualification and a maximum of 60 credits only in any Edexcel BTEC HND qualification**. These units cannot be used at the expense of the mandatory core units in any qualification nor can the qualification rules of combination level rules be compromised.

Access and recruitment

Edexcel's policy regarding access to our qualifications is that:

- qualifications should be available to everyone who is capable of reaching the required standards

- qualifications should be free from any barriers that restrict access and progression

- there must be equal opportunities for everyone wishing to access the qualification.

Centres are required to recruit learners to Edexcel BTEC Higher National qualifications with integrity. This will include ensuring that applicants have appropriate information and advice about the qualifications and that the qualification will meet their needs. Centres should take appropriate steps to assess each applicant's potential and make a professional judgement about their ability to successfully complete the programme of study and achieve the qualification. This assessment will need to take account of the support available to the learner within the centre during their programme of study and any specific support that might be necessary to allow the learner to access the assessment for the qualification. Centres should also show regard for Edexcel's policy (see our website) on learners with particular requirements.

Centres will need to review the profile of qualifications and/or experience held by applicants, considering whether this profile shows an ability to progress to level 4 or level 5 qualifications. For learners who have recently been in education, the entry profile is likely to include one of the following:

- a BTEC Level 3 qualification in Interactive Media

- a GCE Advanced level profile which demonstrates strong performance in a relevant subject or an adequate performance in more than one GCE subject. This profile is likely to be supported by GCSE grades at A* to C

- other related level 3 qualifications

- an Access to Higher Education Certificate awarded by an approved further education institution

- related work experience.

Mature learners may present a more varied profile of achievement that is likely to include extensive work experience (paid and/or unpaid) and/or achievement of a range of professional qualifications in their work sector.

Restrictions on learner entry

The Edexcel BTEC Higher National qualifications are accredited on the QCF for learners aged 18 years and over.

Access arrangements and special considerations

Edexcel's policy on access arrangements and special considerations for BTEC and Edexcel NVQ qualifications aims to enhance access to the qualifications for learners with disabilities and other difficulties (as defined by the Disability Discrimination Act 1995 and the amendments to the Act) without compromising the assessment of skills, knowledge, understanding or competence.

Further details are given on our website (www.edexcel.com).

Useful publications

Further copies of this document and related publications can be obtained from:

Edexcel Publications
Adamsway
Mansfield
Nottinghamshire NG18 4FN

Telephone: 01623 467 467
Fax: 01623 450 481
Email: publication.orders@edexcel.com

Related publications include:

- the current Edexcel publications catalogue and update catalogue

- Edexcel publications concerning the quality assurance system and the internal and external verification of vocationally-related programmes may be found on the Edexcel website and in the Edexcel publications catalogue.

NB: Most of our publications are priced. There is also a charge for postage and packing. Please check the cost when you order.

Professional body contact details

British Design Innovation
9 Pavilion Parade
Brighton BN2 1RA

Telephone: 01273 621 378
Fax: 01273 622 144
Email: info@britishdesigninnovation.org
Website: www.britishdesigninnovation.org

British Interactive Media Association
The Lightwell
12-16 Laystall Street
Clerkenwell
London EC1R 4PF

Telephone: 020 7843 6797
Website: www.bima.co.uk

Broadcasting Entertainment Cinematograph and Theatre Union (BECTU)
373-377 Clapham Road
London SW9 9BT

Telephone: 020 7346 0900
Fax: 020 7346 0901
Email: Info@bectu.org.uk
Website: www.bectu.org.uk

Chartered Society of Designers
1 Cedar Court,
Royal Oak Yard,
Bermondsey Street,
London SE1 3GA

Telephone: 020 7357 8088
Website: www.csd.org.uk

D&AD
9 Graphite Square
Vauxhall Walk
London SE11 5EE

Telephone: 020 7840 1111
Fax: 020 7840 0840
Email: contact@dandad.co.uk
Website: www.dandad.org

Design Business Association
35–39 Old Street
London EC1V 9HX

Telephone: 020 7251 9229
Fax: 020 7251 9221
Email: nicola.hutin@dba.org.uk
Website: www.dba.org.uk

Step
Enterprise House
14-16 Bridgford Road
West Bridgford
Nottingham NG2 6AB

Telephone: 0844 2488 242
Email: employers@step.org.uk; students@step.org.uk; partners@step.org.uk

UK Film Council
10 Little Portland Street
London W1W 7JG

Telephone: 020 7861 7861
Fax: 020 7861 7862
Email: info@ukfilmcouncil.org.uk
Website: www.ukfilmcouncil.org.uk

How to obtain National Occupational Standards

The National Occupational Standards for Skillset can be obtained from:

Skillset
Focus Point
21 Caledonian Road
London N1 9GB

Telephone: 020 7713 9800
Fax: 020 7713 9801
Email: info@skillset.org
Website: www.skillset.org

Professional development and training

Edexcel supports UK and international customers with training related to BTEC qualifications. This support is available through a choice of training options offered in our published training directory or through customised training at your centre.

The support we offer focuses on a range of issues including:

- planning for the delivery of a new programme
- planning for assessment and grading
- developing effective assignments
- building your team and teamwork skills
- developing student-centred learning and teaching approaches
- building key skills into your programme
- building in effective and efficient quality assurance systems.

The national programme of training we offer can be viewed on our website (www.edexcel.com/training). You can request customised training through the website or by contacting one of our advisers in the Training from Edexcel team via Customer Services to discuss your training needs.

Our customer service numbers are:

BTEC and NVQ	0844 576 0026
GCSE	0844 576 0027
GCE	0844 576 0025
The Diploma	0844 576 0028
DiDA and other qualifications	0844 576 0031

Calls may be recorded for training purposes.

The training we provide:

- is active – ideas are developed and applied
- is designed to be supportive and thought provoking
- builds on best practice.

Our training is underpinned by the former LLUK standards for those preparing to teach and for those seeking evidence for their continuing professional development.

Further information

For further information please call Customer Services on 0844 576 0026 (calls may be recorded for training purposes) or visit our website at www.edexcel.com.

Annexe A

Qualification Requirement

BTEC Higher Nationals in Interactive Media

This Qualification Requirement should be read in conjunction with overarching guidance from Edexcel.

Rationale

The BTEC Higher Nationals in Interactive Media should be developed to focus on:

- providing education and training for a range of careers in interactive media

- providing opportunities for full-time learners to gain a nationally recognised vocationally specific qualification to enable them to enter employment in interactive media or progress to higher education vocational qualifications such as a full-time degree in interactive media or related area

- developing the knowledge, understanding and skills of learners in the field of interactive media

- providing opportunities for learners to focus on the development of higher-level skills in an interactive media context

- providing opportunities for learners to develop a range of skills and techniques and attributes essential for successful performance in working life

- developing learners' ability to manage themselves

- developing learners' critical awareness and their ability to research and synthesise complex information

- developing learners' skills in communication and presentation

- developing learners' ability to handle information.

Aims of the qualification

The BTEC Higher National Certificate and Diploma in Interactive Media should meet the needs of the above rationale by:

- equipping individuals with knowledge, understanding and skills for success in employment in the interactive media area

- enabling progression to an undergraduate degree or further professional qualification in interactive media or related area

- providing opportunities for specialist study relevant to individual vocations and contexts

- to support individuals employed, or entering employment, in the interactive media area

- developing the individual's ability in the interactive media area through effective use and combination of the knowledge and skills gained in different parts of the programme

- developing a range of skills and techniques, personal qualities and attributes essential for successful performance in working life and thereby enable learners to make an immediate contribution to interactive media

- providing flexibility, knowledge, skills and motivation as a basis for future studies and career development in the interactive media area.

Mandatory curriculum

Visual communication: learners should research and use a range of drawing and other visual communication techniques and approaches, and critically examine and develop techniques used in their own work.

Ideas generation: learners should develop their knowledge of visual language through the evaluation of the work of other artists, craftworkers and designers. They should interpret the meanings and messages in particular art and design movements and also in the work of individual artists, craftworkers and designers. Learners should experiment with a range of traditional and non-traditional materials and processes.

Context: learners should study cultural history that informs current thought and debate within art, craft and design. The emphasis should be on research and study skills and on learners acquiring source material and knowledge. Learners should be provided with the knowledge, skill and understanding necessary to define and research an historical context and relate it to the present. They should also demonstrate theoretical and practical knowledge of historical and contemporary ideas in their own work.

Professional practice: learners should relate practical studies in art, craft or design to a professional context. They should present and promote their work to professional standards.

Optional curriculum

Optional specialist routes through the qualification can be developed in the following contexts.

Website design: where learners will investigate interactive media design and authoring. They will design, produce and publish interactive web pages that have interactive media content. Learners should gain a broad understanding of the psychology, the principles and the practice of user interface design.

Editing and production: where learners will explore the post-production of digital sounds and images, employing a variety of editing and processing techniques. They should research the use of sound and image in contemporary media and explore techniques and technologies involved in digital recording, editing and processing.

Animation: where learners will explore the principles of 2D and 3D animation and investigate and use appropriate techniques and technologies. Learners should be able to visualise and design three-dimensional space and will have working knowledge of 3D computer modelling and animation software.

Programming: where learners should be able to produce well-defined, accurate design and code completed in an appropriate medium. They should also explore the advantages of using an object oriented approach to programming, in particular for coding software to be used in a graphical environment.

Professional body recognition

The BTEC Higher Nationals in Interactive Media have been developed with career progression and recognition by professional bodies in mind. It is essential that learners gain the maximum benefit from their programme of study.

Links to National Occupational Standards

There is the opportunity for programmes in art and design to provide some of the underpinning knowledge, understanding and skills for the Level 4 NVQ Design Management.

Entry prerequisites

There are no particular entry requirements for this qualification. Learners who enter with at least one of the following are likely to benefit more readily from an art and design programme: a BTEC National in an art and design subject, a relevant GCE profile with appropriate supporting passes at GCSE, appropriate work experience.

Higher-level skills and abilities

Learners will be expected to develop the following skills during the programme of study:

- analysing, synthesising and summarising information critically
- the ability to read and use appropriate literature and contextual information with a full and critical understanding
- the ability to think independently and solve problems
- the ability to take responsibility for their own learning and recognise their own learning style
- obtaining and integrating several lines of subject-specific evidence to formulate and develop ideas
- applying subject knowledge and understanding to address familiar and unfamiliar problems
- recognising the moral and ethical issues of design-based enquiry and experimentation and appreciating the need for ethical standards and professional codes of conduct
- designing, planning, conducting and reporting on assignments
- undertaking studio practice in a responsible, safe and ethical manner
- developing an appreciation of the interdisciplinary nature of interactive media, and the capacity to give a clear and accurate account of a subject, marshal arguments in a mature way and engage in debate and dialogue both with specialists and non-specialists.

Annexe B

National Occupational Standards

Mapping against National Occupational Standards

The grid below maps the knowledge covered in National Occupational Standards against the underpinning knowledge of the QCF Edexcel BTEC Higher Nationals in Interactive Media.

HNC/D titles / NOS suite title	Unit 1	Unit 2	Unit 3	Unit 4	Unit 5	Unit 6	Unit 7	Unit 8	Unit 11	Unit 12	Unit 13	Unit 14	Unit 15	Unit 16	Unit 22	Unit 23	Unit 63	Unit 64
Animation	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Crafts	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Design	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓
Fashion and Textiles	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Interactive Media	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jewellery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓			
Moving Image	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Photo Imaging	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

HNC/D titles NOS suite title	Unit 65	Unit 66	Unit 67	Unit 68	Unit 69	Unit 70	Unit 71	Unit 72	Unit 73	Unit 74	Unit 75	Unit 76	Unit 77	Unit 78	Unit 79	Unit 80	Unit 81	Unit 82
Animation	✓	✓		✓	✓						✓					✓		
Crafts																		
Design	✓	✓			✓						✓	✓						
Fashion and Textiles																		
Interactive Media	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Jewellery																		
Moving Image	✓	✓		✓	✓								✓			✓		
Photo Imaging	✓	✓																

NOS suite title	Unit 83	Unit 84	Unit 85	Unit 86	Unit 94	Unit 104	Unit 111	Unit 130
Animation		✓	✓	✓			✓	✓
Crafts				✓	✓			✓
Design		✓		✓	✓		✓	✓
Fashion and Textiles				✓				✓
Interactive Media	✓	✓	✓	✓			✓	✓
Jewellery								✓
Moving Image		✓	✓	✓			✓	✓
Photo Imaging		✓	✓	✓		✓	✓	✓

HNC/D titles

Annexe C

Grade descriptors

Pass grade

A **pass grade** is achieved by meeting all the requirements defined in the assessment criteria for pass for each unit.

Merit grade

Merit descriptors	Exemplar indicative characteristics Centres can identify and use other relevant characteristics. This is NOT a tick list.
In order to achieve a **merit** the learner must:	The learner's evidence shows, for example:
• identify and apply strategies to find appropriate solutions	• effective judgements have been made • complex problems with more than one variable have been explored • an effective approach to study and research has been applied
• select/design and apply appropriate methods/techniques	• relevant theories and techniques have been applied • a range of methods and techniques have been applied • a range of sources of information has been used • the selection of methods and techniques/sources has been justified • the design of methods/techniques has been justified • complex information/data has been synthesised and processed • appropriate learning methods/techniques have been applied
• present and communicate appropriate findings	• the appropriate structure and approach has been used • coherent, logical development of principles/concepts for the intended audience • a range of methods of presentation have been used and technical language has been accurately used • communication has taken place in familiar and unfamiliar contexts • the communication is appropriate for familiar and unfamiliar audiences and appropriate media have been used.

Distinction grade

Distinction descriptors	Exemplar indicative characteristics Centres can identify and use other relevant characteristics. This is NOT a tick list.
In order to achieve a **distinction** the learner must:	The learner's evidence shows, for example:
• use critical reflection to evaluate own work and justify valid conclusions	• conclusions have been arrived at through synthesis of ideas and have been justified • the validity of results has been evaluated using defined criteria • self-criticism of approach has taken place • realistic improvements have been proposed against defined characteristics for success
• take responsibility for managing and organising activities	• autonomy/independence has been demonstrated • substantial activities, projects or investigations have been planned, managed and organised • activities have been managed • the unforeseen has been accommodated • the importance of interdependence has been recognised and achieved
• demonstrate convergent/lateral/ creative thinking	• ideas have been generated and decisions taken • self-evaluation has taken place • convergent and lateral thinking have been applied • problems have been solved • innovation and creative thought have been applied • receptiveness to new ideas is evident • effective thinking has taken place in unfamiliar contexts.

Annexe D

Unit mapping in depth

New QCF versions of the Edexcel BTEC Higher National units in Interactive Media (specification start date 01/09/2010) mapped against the NQF BTEC Higher National units in Interactive Media (specification end date 31/08/2010).

New QCF units		NQF units	Mapping/comments (new topics in italics)
Number	**Name**	**Name**	
1	Visual Communication in Art and Design	Visual Communication	Content in old unit is mapped fully to new unit
2	Ideas Generation and Development in Art and Design	Ideas Generation	Content in old unit is mapped fully to new unit
3	Contextual and Cultural Referencing in Art and Design	Historical and Contextual Referencing in Fine Art/Historical and Contextual Referencing/Ideas in Context	Content from old units has been merged into the new unit to allow application to specialist pathways
4	Professional Practice in Art and Design	Visual Arts Professional Practice/Professional Practice and Development/Interactive Media Professional Practice	Content from old units has been merged into the new unit to allow application to specialist pathways
5	Project Design, Implementation and Evaluation	–	The new new unit is designed to be used in conjunction with specialist units to create a major project
6	Critical Study in Art and Design	Critical Study in Fine Art/Critical Study	Content from old units has been merged into the new unit
7	Professional Studies in Art and Design	Professional Studies	Content in old unit is mapped fully to new unit
8	Ideas in Context	Ideas in Context	Content in old unit is mapped fully to new unit

New QCF units		NQF units		Mapping/comments (new topics in italics)
Number	Name		Name	
9	Research Project		–	The new unit is designed to be used in conjunction with specialist units to create a major project
12	Personal and Professional Development		Professional Practice and Development	The new can be applied to any specialist pathway
13	Managing a Creative Business		–	This is a new unit designed to be used in any specialist pathway
14	Business Practice in Art and Design		Business Practice	Content in old unit is mapped fully to new unit
15	Work-based Experience		–	This is a new unit designed to be used in any specialist pathway
16	Employability Skills		–	This is a new unit designed to be used in any specialist pathways
22	References and Sources in Art and Design		Referencing and Sources	Content in old unit is mapped fully to new unit
23	Communication with Images in Art and Design		Communicating with Images	Content in old unit is mapped fully to new unit
63	Interactive Media Design and Prototyping		Interactive Media Design and Authoring/Multimedia Design and Authoring	Content from old units has been updated and merged into the new unit to allow application to specialist pathways
64	Interactive Media Web Authoring		Interactive Media Web Authoring/Multimedia Web Authoring	Content from old units has been updated and merged into the new unit to allow application to specialist pathways
65	Animation Techniques for Interactivity in Art and Design		Animation Techniques	Content in old unit is mapped fully to new unit
66	Interactive Media Presentation		Multimedia Presentation	Content in old unit is mapped fully to new unit
67	Interactive Media Principles		Interactive Media Principles	Content in old unit is mapped fully to new unit

New QCF units		NQF units	Mapping/comments (new topics in italics)
Number	**Name**	**Name**	
68	Interactive Media Teamwork	Interactive Media Professional Team Brief	Content in old unit is mapped fully to new unit
69	3D Computer Modelling and Animation	3D Computer Modelling and Animation	Content in old unit is mapped fully to new unit
70	Computer Interface Design Principles	Computer Interface Design Principles	Content in old unit is mapped fully to new unit
71	Sound Production and Editing Using Interactive Media	Sound Production and Editing using Interactive Media	Content in old unit is mapped fully to new unit
72	Computer Programming Principles	Computer Programming Principles	Content in old unit is mapped fully to new unit
73	Networks and Operating Systems	Network and Operating Systems	Content in old unit is mapped fully to new unit
74	Computer Systems Requirements Analysis	Computer Systems Requirements Analysis	Content in old unit is mapped fully to new unit
75	Website Creation and Management	Website Creation and Management	Content in old unit is mapped fully to new unit
76	Interactive Media Technology	Interactive Media Technology	Content in old unit is mapped fully to new unit
77	Audio Visual Techniques in Interactive Media	Audio Visual Techniques in Interactive Media	Content in old unit is mapped fully to new unit
78	New Technologies in Interactive Media	New Technologies in Interactive Media	Content in old unit is mapped fully to new unit
79	Marketing Development Using Interactive Media	Marketing Development Using Interactive Media	Content in old unit is mapped fully to new unit
80	Professional Sound Production Using Interactive Media	Professional Sound Production Using Interactive Media	Content in old unit is mapped fully to new unit

New QCF units		NQF units	Mapping/comments (new topics in italics)
Number	**Name**	**Name**	
81	Digital Video Post Production and Editing	Digital and Video Post Production and Editing	Content in old unit is mapped fully to new unit
82	Computing Fundamentals	Computing Fundamentals	Content in old unit is mapped fully to new unit
83	Project Management for Learning Using Interactive Media	Project Management for Learning Using Interactive Media	Content in old unit is mapped fully to new unit
84	2D, 3D and Time-based Digital Applications	2D, 3D, 4D Digital Applications	Content in old unit is mapped fully to new unit
85	Video Production	Video Production	Content in old unit is mapped fully to new unit
86	Digital Media in Art and Design	Computers in Photography/Computer Applications in Art and Design/Electronic Communication Applications	Content from old units has been updated and merged into the new unit to allow application to specialist pathways
94	Visual and Personal Presentation	Visual and Personal Presentation	Content in old unit is mapped fully to new unit
104	Lens-based Recording Techniques in Art and Design	Lens-based Recording Techniques in Fine Art	Content in old unit is mapped fully to new unit
111	Digital Image Creation and Development	Digital Imaging in Fine Art/Digital Imaging/Creating Digital Images/ Image Manipulation Applications	Content from old units has been updated and merged into the new unit to allow application to specialist pathways
130	Drawing Techniques and Processes in Art and Design	Drawing Techniques and Approaches	Content in old unit is mapped fully to new unit

Annexe E

Calculation of the qualification grade

Pass qualification grade

Learners who achieve the minimum eligible credit value specified by the rule of combination will achieve the qualification at pass grade (see section *Rules of combination for the Edexcel BTEC Levels 4 and 5 Higher National qualifications*).

Qualification grades above pass grade

Learners will be awarded a merit or distinction qualification grade by the aggregation of points gained through the successful achievement of individual units. **The graded section of both qualifications is based on the learner's best performance in units at the level or above of the qualification to the value of 75 credits.**

The number of points available is dependent on the unit grade achieved and the credit size of the unit (as shown in the 'Points available per credit at specified unit grades' table below).

Points available per credit at specified unit grades

Points per credit		
Pass	**Merit**	**Distinction**
0	1	2

Qualification grades

Edexcel BTEC Level 4 HNC

Points range	Grade	
0-74	Pass	P
75-149	Merit	M
150	Distinction	D

Edexcel BTEC Level 5 HND

Points range	Grade	
0-74	Pass	P
75-149	Merit	M
150	Distinction	D

Examples of possible learner profiles of the best 75 credits at the level of the qualification or above. These tables fit both HNC and HND qualifications.

Unit grade	Credits achieved at each unit grade	Points per credit	Points scored
Pass	30	0	0
Merit	30	1	30
Distinction	15	2	30
		Total	60
		Qualification grade	Pass

Unit grade	Credits achieved at each unit grade	Points per credit	Points scored
Pass	15	0	0
Merit	45	1	45
Distinction	15	2	30
		Total	75
		Qualification grade	Merit

Unit grade	Credits achieved at each unit grade	Points per credit	Points scored
Pass	30	0	0
Merit	15	1	15
Distinction	30	2	60
		Total	75
		Qualification grade	Merit

Unit grade	Credits achieved at each unit grade	Points per credit	Points scored
Pass	0	0	0
Merit	15	1	15
Distinction	60	2	120
		Total	135
		Qualification grade	Merit

Unit grade	Credits achieved at each unit grade	Points per credit	Points scored
Pass	0	0	0
Merit	0	1	0
Distinction	75	2	150
		Total	150
		Qualification grade	Distinction

ART AND DESIGN
INTERACTIVE MEDIA

LEVEL

4

HNC

5

HND

Our most advanced specification to date

This new BTEC Higher Nationals specification has been completely revised and updated to bring it into line with the requirements of the Qualifications and Credit Framework (QCF), which comes into force from September 2010. All the units and qualifications covered in the specification have been reviewed by industry representatives and approved by the relevant Sector Skills Council. This means they are recognised as fit for purpose as high level vocational and work-related qualifications.

Each unit in the new specification is allocated a level and a credit value. Each unit in the specification has clearly stated learning outcomes and assessment criteria, so it is clear from the outset what learners must be able to do to achieve the unit.

BTEC Qualifications covered by this specification:

• Edexcel BTEC Level 4 HNC Diploma in Interactive Media
• Edexcel BTEC Level 5 HND Diploma in Interactive Media

A copy of this specification can be found online at: www.btec.co.uk

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References

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