



Arrangements for:

HNC Architectural Conservation

Group Award Code: G968 15

HND Architectural Conservation

Group Award Code: G969 16

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1 Introduction

This is the Arrangement Document for the revised HNC and HND in Architectural Conservation, which were validated in May 2008. This document includes: background information on the development of the Group Award, its aims, guidance on access, details of the Group Award structure, and guidance on delivery.

This revised HNC Architectural Conservation (G968 15) replaces the predecessor HNC Architectural Conservation (G059 15).

This revised HND Architectural Conservation (G969 16) replaces the predecessor HND Architectural Conservation (G1KR 16).

2 Rationale for the revision of the Group Awards

A review of the Architectural Conservation Group Awards commenced in 2006. The review and modernisation of Higher National provision for technicians in the architectural conservation sector is the first major review of the suite of qualifications previously validated in 1998.

The Skills Needs Analysis of the Built Heritage Sector in Scotland was published in 2007 by Historic Scotland, The National Heritage Training Group, and Construction Skills. It concluded that repair and maintenance are insufficient to ensure the survival of the built heritage but that new build drives most course content to the detriment of traditional building skills training. It reported that there are a disproportionately low number of available places on those courses which are most relevant to traditional building skills. 8710 individuals will require training in traditional building skills between 2006 and 2010. 65% of manufacturers and suppliers feel that they need further training. It recommended that the conservation elements of training courses should be strengthened.

The revision of the Group Awards also took into account responses from industry and universities to allow for an appropriate degree of specialization which is required by the industry. The mandatory Units contain the Core Skill requirements and the main components required for university articulation.

The need for the revision of the HNC and HND was identified through directed market research, which used questionnaires, meetings and telephone interviews.

Consultation was undertaken with staff involved in delivering the predecessor HNC and HND over a number of years. The result of such meetings was the combination of two roofing Units and two plastering Units into one for each of the crafts. When the revised frameworks were issued to industry and HE representatives the feedback to these changes was favourable. Core Skills specialists were part of the discussions and they accepted that it was best to keep mathematics, communications and IT as separate, albeit optional Units.

Consultation was also carried out with current and former candidates by questionnaire, meetings and telephone interviews. The candidates were encouraged to review the predecessor HNC/HND course structures and comment on whether they adequately developed appropriate knowledge and understanding, practical skills, learning skills, enabled smooth progression from year to year (including progression to Years 2 and 3 of degree course) and prepared them for work. The changes for the revised HNC/HND courses were pointed out to the candidates and their comments were sought. The

candidates were also invited to comment on the individual Units in the revised HNC/HND courses.

Almost all candidates who responded agreed that the existing HNC/HND course frameworks met their needs in terms of appropriate learning skills, appropriate practical skills, taking account of previous education, progressing from year to year and preparing them for work. They also highlighted the requirement for the new HNC/HND courses to address the emerging technology of prefabrication and other modern construction techniques in the building industry to assist with the transfer to a building surveying degree course.

Consultation also took place with Universities to which the successful candidates from the revised HNC/HND courses would articulate. The need for services was expressed and has been addressed by the inclusion of an extra dedicated services Unit in the revised HNC/HND courses. It was suggested that there was a need for more CAD in the revised HNC/HND courses. This has been addressed by the inclusion of a CAD Unit in Year 2 of the HND course. The inclusion of six practical, construction crafts Units was questioned by one of the universities but this was countered by the review of the industry by Historic Scotland which highlighted the shortage of skills in this area in the industry.

Industry representatives were supportive of the broad content of the programme as detailed and reinforced the necessity for understanding and practical awareness of current architectural conservation skills and highlighted the requirement for Internet research skills and a high level of Core Skills.

The Skills Needs Analysis of the Build Heritage Sector in Scotland also highlighted practical skills and industry requirements for the sympathetic conservation of traditional buildings. This has been considered in the revision of the Group Awards and is the major strength of the revised HNC and HND, as practical skills such as stonemasonry, surveying, CAD are drawn together in projects which would otherwise be professional commissions, eg condition surveys, feasibility studies and planning submissions. These work related projects are all undertaken under the ethos of architectural conservation philosophy and guidelines as laid down by bodies such as Historic Scotland.

All of these requirements were taken on board during the revision of both the HNC Architectural Conservation and HND Architectural Conservation.

The revised HNC and HND comprises Units which are written in a more future-proof manner and cater for the requirements of the architectural conservation sector of the building industry.

The revised HNC and the first year of the revised HND contain common Units. The second year of the HND develops the subject areas introduced in the HNC, eg technology, and goes into more depth so that the candidates are applying knowledge and skills to real-life scenarios.

Aimed at Higher Technician level, the revised HND serves to provide a flexible link between architectural conservation skills and graduate education. It was felt that it was essential to retain the key technical skills and computer-based techniques used in the various areas, together with experience of emerging technologies being introduced into the industry.

3 Aims of the Group Awards

3.1 Aims of the HNC

3.1.1 General aims of the HNC

- 1 To develop the candidate's knowledge and skills such as planning, analysing and synthesizing.
- 2 To develop employment skills and enhance candidate's employment prospects.
- 3 To enable progression within the Scottish Credit and Qualifications Framework.
- 4 To develop study and research skills.
- 5 To develop transferable skills including Core Skills.
- 6 To provide academic stimulus and challenge, and foster an enjoyment of the subject.
- 7 To prepare candidates in specialist skills for progression to further studies.

3.1.2 Specific aims of the HNC

- 8 To enable articulation to Year 2 of the HND programme.
- 9 To provide knowledge of the processes and disciplines within the architectural conservation and building surveying sectors of the building industry.
- 10 To equip candidates with the broad based and specialist technical skills necessary for operating within architectural conservation and building surveying sectors of the building industry.
- 11 To equip candidates with skills in information technology used in the architectural conservation and building surveying sectors of the building industry.
- 12 To provide candidates with an understanding of current developments within the architectural conservation and building surveying sectors of the building industry.

3.2 Aims of the HND

3.2.1 General aims of the HND

- 13 To develop the candidate's knowledge and skills such as planning, analysing and synthesising.
- 14 To develop employment skills and enhance candidate's employment prospects.
- 15 To enable progression within the Scottish Credit and Qualifications Framework.
- 16 To develop study and research skills appropriate to SCQF level 8
- 17 To develop transferable skills including Core Skills.
- 18 To provide academic stimulus and challenge, and foster an enjoyment of the subject.

3.2.2 Specific Aims of the HND

- 19 To prepare candidates in specialist skills for progression to further studies, eg BSc Building Surveying, Building Control, Building Conservation and Management degree courses.
- 20 To provide additional range and depth of knowledge of the architectural conservation and building surveying sectors of the building industry.
- 21 To equip candidates with additional range and depth of knowledge and skills in the architectural conservation and building surveying sectors of the building industry.
- 22 To equip candidates with an understanding of the relationships between the component parts of the architectural conservation and building surveying sectors of the building industry.
- 23 To provide knowledge of the processes and disciplines within the wider architectural conservation and building surveying sectors of the building industry.
- 24 To equip candidates with the broad based and specialist technical skills necessary for operating within the wider architectural conservation and building surveying sectors of the building industry.

3.3 Target groups

This HNC and HND in Architectural Conservation would best suit those:

- ◆ who have an interest in the technical aspects of the conservation sector of the building industry
- ◆ who are creative and enjoy design elements of building surveying, eg CAD
- ◆ who already have NVQ or SQA certification at NC level at SCQF level 5 or 6
- ◆ who wish to work in the conservation sector of the building industry
- ◆ employees working in the conservation sector of the building industry
- ◆ mature candidates seeking a career change

3.4 Employment opportunities

The HNC and HND in Architectural Conservation may provide opportunities for candidates to progress to employment in various sectors of the building industry such as architectural conservation or building surveying. Candidates would be employed as architectural assistants, building surveying assistants, building control assistants, assistants to conservation officers. Candidates from a specialist traditional skills background, eg slating, plastering, sheet leadwork or stonemasonry, may find that completion of the revised HNC and/or HND course may enhance their chances of obtaining contract work from such bodies as Historic Scotland or preservation trusts.

4 Access to Group Awards

The revised HNC and HND is designed to provide candidates with the skills to meet the needs of the industry at various levels, therefore access arrangements for candidates should be flexible.

While access will be at the discretion of the centre, it would be beneficial if candidates possessed the following for access to the HNC/HND Architectural Conservation:

- ◆ A National Qualification in Construction or equivalent qualification at SCQF level 5 or 6, eg NC in the Built Environment
- ◆ Relevant work experience in the construction or related industry
- ◆ SVQ/NVQ level 3 or equivalent in Construction or a related area
- ◆ SQA's National Progression Award for the Conservation of Masonry
- ◆ One for HNC entry, two for HND entry appropriate National Qualification Higher/s at level C or above and 4 Standard Grades at level 2 or above, including Mathematics and English
- ◆ Where English is not the first language of the candidate, it is recommended that they possess English for Speakers of Other Languages at an appropriate level, ideally level 5
- ◆ Direct entry to the programme could be offered to those applying with equivalent other awards, providing the competencies can be identified and are appropriate.
- ◆ Any appropriate combination of the above qualifications

In addition, it is recommended that candidates should possess the following Core Skills levels on entry.

<i>Communication</i>	SCQF Level 5
<i>Numeracy</i>	SCQF Level 5
<i>IT</i>	SCQF Level 5
<i>Problem Solving</i>	SCQF Level 5
<i>Working with Others</i>	SCQF Level 4

Where candidates do not come with existing Core Skills entry levels, it is recommended that the centre consider carrying out a Core Skills profiling exercise.

5 Group Awards structure

5.1 Framework

HNC Architectural Conservation

For a candidate to achieve the HNC Architectural Conservation, they must attain all of the mandatory Units (80 SCQF credit points/10 SQA credits) and optional Units worth 16 SCQF credit points/2 SQA credits from Group A and/or Group B and/or Group C.

Mandatory Units

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Architectural Conservation: Principles	F4MW 34	8	7	1
Architecture: Influences on the Development of Scottish Architecture	F4MY 34	8	7	1
Architectural Conservation: Technology: Construction Techniques for Walls, Floors and Roofs	F4YC 34	8	7	1
CAD 2D1	DW1E 34	8	7	1
Statutory Control of Buildings	DW3W 34	8	7	1
Conservation Crafts: Roofing	F4MV 35	8	7	1
Conservation Crafts: Stonemasonry	F50E 34	8	7	1
Conservation Crafts: Plastering	F4N1 34	8	7	1
Surveying Historic Buildings	DW40 35	8	8	1
Architectural Conservation: Graded Unit 1	F55834	8	7	1

Optional Units

Candidates **must** attain a minimum of 0 SCQF credit points/0 SQA credits and a maximum of 8 SCQF credit points/1 SQA credit from the list of optional Units from Group A.

Group A — Optional Units	Code	SCQF credit points	SCQF level	SQA credit value
Communication: Practical Skills	H7MB 34*	8	7	1
Construction Technical Communication Skills	DW4D 34	8	7	1

Candidates **must** attain a minimum of 0 SCQF credit points/0 SQA credits and a maximum of 8 SCQF credit points/1 SQA credit from the list of optional Units from Group B.

Group B — Optional Units	Code	SCQF credit points	SCQF level	SQA credit value
Building Services: An Introduction	DW4P 33	8	6	1
Building Services in Large Buildings	DW4R 35	8	8	1
Building Services in Large Buildings	H727 35*	8	8	1

Candidates must attain a minimum of 0 SCQF credit points/0 SQA credits and a maximum of 16 SCQF credit points/2 SQA credits from Group C:

Group C — Optional Units	Code	SCQF credit points	SCQF level	SQA credit value
Using Software Applications Packages	D85F 34	8	7	1
Mathematics for Construction	DW4F 33	8	6	1
Mathematics for Construction	H72L 33*	8	6	1
Construction Technology: Industrial/Commercial Superstructure	DW55 34	8	7	1
Construction Technology: Industrial/Commercial Superstructure	H729 34*	8	7	1
Construction Technology: Specialist Systems	DW56 35	8	8	1
Construction Technology: Substructure	DW57 34	8	7	1
Construction Technology: Substructure	H72A 34*	8	7	1
Construction Technology: Domestic Construction	DW54 33	8	6	1
Conservation Crafts: Joinery	F4N0 34	8	7	1
Conservation Crafts: Painting Conservation and Restoration	F4Y7 34	8	7	1

HND Architectural Conservation

For a candidate to achieve the HND Architectural Conservation, they must attain all of the mandatory Units 200 SCQF credit points/25 SQA credits and optional Units worth 40 SCQF credit points/5 SQA credits.

Mandatory Units

Unit title	Code	SCQF credit points	SCQF level	SQA credit value
Architectural Conservation: Principles	F4MW 34	8	7	1
Architecture: Influences on the Development of Scottish Architecture	F4MY 34	8	7	1
Architectural Conservation: Technology: Construction Techniques for Walls, Floors and Roofs	F4YC 34	8	7	1
CAD 2D1	DW1E 34	8	7	1
Statutory Control of Buildings	DW3W 34	8	7	1
Conservation Crafts: Joinery	F4N0 34	8	7	1
Conservation Crafts: Stonemasonry	F50E 34	8	7	1
Conservation Crafts: Painting Conservation and Restoration	F4Y7 34	8	7	1
Mathematics for Construction	DW4F 33	8	6	1
Mathematics for Construction	H72L 33*	8	6	1
Architectural Conservation: Graded Unit 1	F558 34	8	7	1
Architectural Conservation: Maintenance of Traditional Buildings	F4YB 35	8	7	1
Architectural Conservation Factors Affecting Building Decay	F4Y9 34	8	7	1
Surveying Historic Buildings	DW40 35	8	8	1
Conservation of the Interiors of Traditional Buildings	F4YD 35	8	8	1
Architectural Conservation: Contract Procurement and Documentation	F4YA 35	8	8	1
Architectural Conservation: Cost Studies	F4Y8 35	8	8	1
CAD Architectural 1	DW1D 34	8	7	1
Building Maintenance Management	DW51 34	8	7	1
Conservation Crafts: Stonemasonry Skills	F500 35	8	8	1
Conservation Crafts: Plastering	F4N1 34	8	7	1
Conservation Crafts: Roofing	F4MV 35	8	7	1
Architectural Conservation: Repair of Walls, Floors and Roofs	F4MX 34	8	8	1
Architectural Conservation: Substructure, Geology, and Structures	F4S1 35	8	8	1
Architectural Conservation: Graded Unit 2	G559 35	16	8	2

Restricted optional Units

Candidates must achieve **two** of the following restricted optional Units (16 SCQF credit points/2 SQA credits) from Group A:

Restricted Optional Units — Group A	Code	SCQF credit points	SCQF level	SQA credit value
Communication: Practical Skills	H7MB 34*	8	7	1
Construction Technical Communication Skills	DW4D 34	8	7	1
Using Software Applications Packages	D85F 34	8	7	1

Candidates must achieve **one** of the following restricted optional Units (8 SCQF credit points/1 SQA credit) from Group B:

Restricted Optional Units — Group B	Code	SCQF credit points	SCQF level	SQA credit value
Building Services: An Introduction	DW4P 33	8	6	1
Building Services in Large Buildings	DW4R 35	8	8	1
Building Services in Large Buildings	H727 35*	8	8	1

Candidates must achieve **two** of the following restricted optional Units (16 SCQF credit points/2 SQA credits) from Group C:

Restricted Optional Units — Group C	Code	SCQF credit points	SCQF level	SQA credit value
Construction Technology: Industrial /Commercial Superstructure	DW55 34	8	7	1
Construction Technology: Industrial /Commercial Superstructure	H729 34*			
Construction Technology: Specialist Systems	DW56 35	8	8	1
Construction Technology: Substructure	DW57 34	8	7	1
Construction Technology: Substructure	H72A 34*	8	7	1
Construction Technology: Domestic Construction	DW54 33	8	6	1
Fire Safety in Buildings	DW4X 35	8	8	1

Core Skills Entry and Exit levels

HNC Architectural Conservation

	Recommended SCQF entry level	Recommended SCQF exit level
Communication	SCQF level 5	SCQF level 6
Numeracy	SCQF level 5	SCQF level 6
Information Technology	SCQF level 5	SCQF level 6
Problem Solving	SCQF level 5	SCQF level 6
Working with Others	SCQF level 4	SCQF level 5

HND Architectural Conservation

	Recommended SCQF entry level	Recommended SCQF exit level
Communication	SCQF level 5	SCQF level 6
Numeracy	SCQF level 5	SCQF level 6
Information Technology	SCQF level 5	SCQF level 6
Problem Solving	SCQF level 5	SCQF level 6
Working with Others	SCQF level 4	SCQF level 6

Graded Units

The Graded Units which are included in the HNC and HND are both Projects – Practical Assignments. The choice of a practical assignment fits well with practical awards it is appropriate to have practical activities which reflected the content of the Group Awards and the working environment.

The two Graded Units draw together the knowledge and skills learnt by the students during the HNC and HND courses and try to prepare them for entry to the industry by requiring them to liaise with professionals from the industry, eg potential clients, planning authorities, potential funders, architects, surveyors and construction craft advisers. They are in these 2 units carrying out exercises which in practice would be work which a client would commission them to undertake. Hence the students carry out a project rather than an exam.

Graded Unit 1 requires the students to review a live planning application for adaptations being made to a Listed Building. They are required to access the planning application from the planning department and liaise with the planning officer responsible for that application. They have to copy all of the documentation submitted in support of the application (in the public domain), which involves the students preparing drawings, taking photographs of the building and researching the history, architectural style and importance of the building, reviewing with Historic Scotland or other bodies the changes being proposed and assessing whether or not such changes are sympathetic to the building. The students can recommend changes to the application if they think the changes are unsuitable.

Graded Unit 2 is a feasibility study into the reuse of a redundant ‘building at risk’. Such buildings are architecturally important but have become empty and are in danger of demolition. The students are required to carry out a full survey of the building, prepare ‘as existing’ drawings of the building in its present state. They research the building’s architectural style, history, social history, adaptations and importance. They then have to

put forward a change of use to encompass economic viability as well as social viability, especially if grant monies are being requested. This will involve the students researching case studies of other buildings and so will involve interviews with architects and surveyors.

5.2 Mapping information

Detailed information on how the Units meet the stated aims of the Group Awards is given in Appendix 1 and details of how the Group Awards align with the National Occupation Standards are given in Appendix 2.

5.3 Articulation, professional recognition and credit transfer

5.3.1 Articulation

While the main purpose of both the HNC and the HND Architectural Conservation is to provide the basis for vocational employment, successful completion of the HND would also allow candidates to articulate into relevant degree level courses. Previous successful candidates have studied on programmes as varied as Building Surveying, Building Control, Building Conservation and Management.

Previously agreed articulation routes for the predecessor HND included entry to the 2nd or 3rd year of the Building Surveying (Building Control) programme at Glasgow Caledonian and Napier Universities Year 3 of the BSc Building Conservation and Management course at Swansea Metropolitan University and Year 1 of the BSc Building Surveying degree at the University of Westminster, all depending on the level of attainment. The feedback from the universities involved is such that the revised HND will be similarly recognised as an accepted articulation qualification.

While articulation to the second year of the HND will be at the discretion of the Centre, it is envisaged that candidates would have achieved 15 credits before entering the 2nd year of the HND. This would normally include all the mandatory Units for the HNC (including the Graded Unit).

In exceptional circumstances consideration will be given to recognising a qualification with sufficient content to exempt the candidate from some of the HNC or HND Year 1 Units. It is extremely unlikely that a candidate will have enough qualifications to exempt them from all such Units which would allow direct entry to HND Year 2. In these circumstances each case must be reviewed on its merits by the centre.

Where a full HNC Architectural Conservation (ie the candidate has met all the requirements to achieve the Group Award) but the candidate does not have 15 credits, it is recommended that an individual learning plan is formulated for the candidate so that it is clear on entry where the candidate would gain the Units required to make up a full HND.

5.3.2 Credit transfer arrangements

Candidates may be given credit transfer between HN Units (developed using 1988 design principles) and the revised HN Units (developed using 2003 design principles). There is no transition framework for the HND in Architectural Conservation, but candidates can be given credit transfer for individual Units.

Credit transfer can be given where there is broad equivalence between the subject related content of the Unit or combination of Units. Candidates who are given credit transfer

between predecessor Units and revised HN Units must still satisfy all other conditions of the revised HNC in Architectural Conservation and revised HND in Architectural Conservation, including the mandatory Units, optional Units, Graded Units and the correct number of credits at the correct SCQF level.

The table in Appendix 3 gives details on where credit transfer may be given between predecessor Units and revised Units.

6 Approaches to delivery and assessment

The revised HNC and HND in Architectural Conservation are coherent and integrated Group Awards which have optional Units which reflect the specialist nature of the architectural conservation discipline selected by the candidate or centre.

There is reasonable flexibility in the sequence of Unit delivery, but it is recommended that Units on a lower SCQF level in a subject area are taught in advance of those at a higher level and suggested delivery schedules are shown in Appendix 4.

The overall assessment strategy under the new design principle including, Graded Units, is to encourage a more holistic approach to assessment.

The Graded Units, since they assess the application and integration of information from mandatory Units, should be taken between Blocks 2 and 3. Candidates should be provided with detailed guidance on how to plan and prepare for their Graded Units at the beginning of the session, followed by regular tutorials throughout the session to help them to develop their study and research skills.

The content of each Unit will be delivered through a series of lectures, practical workshops and activities which will be carried out as part of the candidate's commitment to self directed study. Tutorial sessions should be set up to support candidates through this programme and will build their confidence as they progress through their programme of study. Each Unit is individually assessed and candidates will be expected to hand in work to meet specified deadlines. Meeting the deadlines is an essential element of both the HNC and the HND. During the learning process the candidate's skills in the following areas will be developed.

- ◆ Organising
- ◆ Communicating
- ◆ Research
- ◆ Logical and Analytical thinking
- ◆ Decision making
- ◆ Problem Solving
- ◆ Co-operating with others (Teamwork)
- ◆ Vocational Adaptability

The Group Awards provide candidates with technical knowledge and skills for applications in the architectural conservation industry.

The HNC Architectural Conservation allows candidates to develop a foundation of knowledge, understanding, skills and practical techniques in the areas of construction technology, architecture, surveying, planning legislation, design, construction crafts, all within the guidelines of the principles of architectural conservation. It also allows a choice of optional Units focusing on IT, communications, mathematics, services, and

modern construction technology, to prepare them for progression to the HND course, Higher Education or employment at technician or support level.

The HND Architectural Conservation allows candidates to further develop knowledge, understanding and skills and practical techniques in relevant conservation areas including maintenance, building decay, surveying, interiors of traditional buildings, procurement, cost studies, construction crafts. It allows a choice of options focusing on fire safety and modern technology techniques.

The main topics of study include:

- ◆ Architectural Conservation: Principles
- ◆ Architecture: Influences on the Development of Scottish Architecture
- ◆ Architectural Conservation: Technology
- ◆ Statutory Control of Buildings
- ◆ Architectural Conservation: Cost Studies
- ◆ Architectural Conservation: Contract Procurement and Documentation
- ◆ Conservation Crafts
- ◆ Computer Aided Design
- ◆ Fire Safety in Buildings
- ◆ Building Services
- ◆ Building Maintenance
- ◆ Surveying Historic Buildings
- ◆ Architectural Conservation: Factors Affecting Building Decay
- ◆ Mathematics
- ◆ IT
- ◆ Communications

Integration between Units

It is important to demonstrate to candidates that the revised HNC and/ or HND course is a cohesive coverage of the subject and not simply a set of disparate Units. The work undertaken in earlier Units provides building blocks for later Units. There are many examples of this, where Units can be grouped into specialist subject areas providing continuous development as follows:

Architectural Conservation: Principles	
<i>Mandatory:</i>	
F4MW 34	Architectural Conservation: Principles
F4MW 34	Architecture: Influences on the development of Scottish Architecture
DW3W 34	Statutory Control of Buildings
F4YD 35	Conservation of the Interiors of Traditional Buildings
Architectural Conservation: Technology	
<i>Mandatory:</i>	
F4YC 34	Architectural Conservation Technology: Construction of Walls, Floors and Roofs
F4MX 35	Architectural Conservation: Repair of Walls, Floors and Roofs
F4S1 35	Architectural Conservation: Substructure, Geology and Structures
Building Conservation Maintenance	
<i>Mandatory:</i>	
F4YB 35	Architectural Conservation: Maintenance of Traditional Buildings
DW51 34	Building Maintenance Management
DW40 35	Surveying Historic Buildings
F4Y9 34	Architectural Conservation: Factors Affecting Building Decay
Computer Aided Design	
<i>Mandatory:</i>	
DW1E 34	CAD: 2D1
DW1D 34	CAD Architectural 1
Conservation Crafts	
<i>Mandatory:</i>	
F4N0 34	Conservation Crafts: Joinery
F50E 34	Conservation Crafts: Stonemasonry
F4Y7 34	Conservation Crafts: Painting Conservation and Restoration
F500 35	Conservation Crafts: Stonemasonry Skills
F4N1 34	Conservation Crafts: Plastering
F4MV 35	Conservation Crafts: Roofing

The opportunity for integration, including assessment integration, between these broad subject areas is provided via a variety of mandatory and optional Units as follows:

Building Conservation Maintenance	
F4MW 34	Architectural Conservation: Principles
F4YC 34	Architectural Conservation Technology: Construction Techniques for Walls, Floors and Roofs
F4MX 35	Architectural Conservation: Repair of Walls, Floors and Roofs
F4S1 35	Architectural Conservation: Substructure, Geology and Structures
F4Y9 34	Architectural Conservation Factors Affecting Building Decay
DW40 35	Surveying Historic Buildings

Further substantial integration between subject areas is provided in the practical projects presented in the Graded Units.

Centres offering the Group Awards should be encouraged to identify opportunities for integration of assessments across Units in both the HNC and HND frameworks.

Re assessment should be subject to rigorous internal verification in the same way that assessment is. Candidates may require to be re assessed on only a part of an instrument of assessment. On other occasions it may not be possible to re assess candidates on parts of their performance which were unsatisfactory and they may have to re do a whole assessment.

As a result of the number of different specialist skills involved, the integration of assessments is most likely to take place within, as well as between, Units. The Unit specifications aim to provide opportunities for integration to delivering centres who want to offer a project-based course reflecting particular specialisms. This structure will also enable a smooth transition from the previous Group Awards (offering predominantly 40 hour Units) to the revised Group Awards. The information provided under section 5.3 Transition Arrangements should be used as a guide to identifying appropriate integration points to this end.

Suggested Full-time programme of study

The programmes suggested in Appendix 4 indicate how skills are built up during the one year and two year course. These suggested delivery patterns should not be seen as prescriptive but should be used as guides for delivering centres devising their own programmes. The placing of the Graded Units is of particular importance as their placement in the academic year enables candidates to develop their software and hardware skills as well as their knowledge and skills of the processes and disciplines within the modern building industry environment before integrating their knowledge in these project-based Units.

The choice of the particular *Communications* Unit is an option in both the HNC and the HND frameworks and to allow for speakers of other languages to access the HNC and HND through a specialist Unit *Workplace Communication in English*. However it is likely that delivering centres will deliver a Communications Unit as part of their courses.

In addition to the recognised Core Skills, these Group Awards require candidates to be able to manage their time and organise their activities. These skills are developed throughout the HNC and HND and in particular are apparent in the Graded Units and project-based Units. In addition, there are embedded Core Skills in some Units and all remaining Core Skills have been signposted. Full Core Skills mapping is shown in Appendix 5. On successful completion of the HNC and HND, candidates should achieve the exit level of Core Skills as detailed in the appendix.

It is recommended that current candidates whether part-time or full-time who are in the process of completing the old Group Award complete the existing HNC or HND rather than switching to the revised Group Award. However there may be occasions when it is not possible for candidates to complete the existing Group Award, eg where they were unable to complete their studies due to ill health or difficulties with their employer and where the centre has gone on to offer the new Group Award and only one or two Units need to be completed. In these cases it is recommended that the following suggested credit transfer arrangements detailed in Section 5.3.2 and Appendix 3. It is recommended that in these circumstances candidates would agree an individual learning plan to allow them to complete the Group Award.

7 General information for centres

Disabled candidates and/or those with additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments, or considering whether any reasonable adjustments may be required. Further advice can be found on our website www.sqa.org.uk/assessmentarrangements.

Internal and external verification

All instruments of assessment used within these Group Awards should be internally verified, using the appropriate policy within the centre and the guidelines set by SQA.

External verification will be carried out by SQA to ensure that internal assessment is within the national guidelines for these qualifications.

Further information on internal and external verification can be found in *SQA's Guide to Assessment and Quality Assurance for Colleges of Further Education* (www.sqa.org.uk).

8 General information for candidates

The HNC and HND in Architectural Conservation are intended for those wishing to follow a vocational education in all fields associated with the subject. The HNC and HND in Architectural Conservation are flexible enough to allow you to follow directions to meet your needs and those of the conservation sector of the building industry.

It is intended that the HNC and HND are delivered as coherent, integrated courses of study and that the selected options reflect the specialist nature of the conservation sector of the building industry selected by you or centre. The Mandatory section of each Group Award covers those topics essential to a career in the conservation sector of the building industry.

The Graded Units which are included in the HNC and HND are both Projects — Practical Assignments. The choice of a practical assignment fits well with practical awards and both the Qualifications Design Team and the employers consulted felt it was appropriate to have practical activities which reflected the content of the Group Awards and the working environment.

Delivery through Open Learning may be available or suitable for some aspects of the revised HNC and/or HND course, through, for example, the Blackboard VLE, although opportunities would be limited in certain areas due to a number of workshop based subjects and software requirements.

Who should apply for this course?

This course would best suit those:

- ◆ who have an interest in the technical aspects of the conservation sector of the building industry
- ◆ who are creative and enjoy design elements of building surveying, eg CAD
- ◆ who already have NVQ or SQA certification at NC level at SCQF level 5 or 6
- ◆ who wish to work in the conservation sector of the building industry
- ◆ employees working in the conservation sector of the building industry
- ◆ mature candidates seeking a career change

Staff in colleges will usually interview course applicants to ascertain suitability and consider any support needs.

9 Glossary of terms

SCQF: This stands for the Scottish Credit and Qualification Framework, which is a new way of speaking about qualifications and how they inter-relate. We use SCQF terminology throughout this guide to refer to credits and levels. For further information on the SCQF visit the SCQF website at www.scqf.org.uk

SCQF credit points: One HN credit is equivalent to 8 SCQF credit points. This applies to all HN Units, irrespective of their level.

SCQF levels: The SCQF covers 12 levels of learning. HN Units will normally be at levels 6–9. Graded Units will be at level 7 and 8.

Subject Unit: Subject Units contain vocational/subject content and are designed to test a specific set of knowledge and skills.

Graded Unit: Graded Units assess a candidates' ability to integrate what they have learned while working towards the Units of the Group Award. Their purpose is to add value to the Group Award, making it more than the sum of its parts, and to encourage candidates to retain and adapt their skills and knowledge.

Dedicated Unit to cover Core Skills: This is a non-subject Unit that is written to cover one or more particular Core Skills.

Embedded Core Skills: This is where the development of a Core Skill is incorporated into the Unit and where the Unit assessment also covers the requirements of Core Skill assessment at a particular level.

Signposted Core Skills: This refers to the opportunities to develop a particular Core Skill at a specified level that lie outwith automatic certification.

Qualification Design Team: The QDT works in conjunction with a Qualification Manager/Development Manager to steer the development of the HNC/D from its inception/revision through to validation. The group is made up of key stakeholders representing the interests of centres, employers, universities and other relevant organisations.

Consortium-devised HNCs and HNDs are those developments or revisions undertaken by a group of centres in partnership with SQA.

Specialist single centre and specialist collaborative devised HNCs and HNDs are those developments or revisions led by a single centre or small group of centres who provide knowledge and skills in a specialist area. Like consortium-devised HNCs and HNDs, these developments or revisions will also be supported by SQA.

10 Appendices

Appendix 1: The relationship of the individual mandatory Units to the stated aims

Appendix 2: Alignment to National Occupational Standards

Appendix 3: Credit transfer arrangements

Appendix 4: Suggested delivery and assessment patterns

Appendix 5: Core Skills mapping

Appendix 1: The relationship of the individual mandatory Units to the stated aims

The relationship of the individual mandatory Units to the stated aims of the HNC

Title of Unit	General Aims	Specific Aims
F4MW 34 Architectural Conservation: Principles	1,2,3,4,5,6,7	8,9,10,11,12
F4MY 34 Architecture: Influences on the Development of Scottish Architecture	1,2,3,4,5,6,7	8,9,10,11,12
F4YC 34 Architectural Conservation Technology: Construction Techniques for Walls, Floors and Roofs	1,2,3,4,5,6,7	8,9,10,11,12
DW1E 34 CAD 2D1	1,2,3,5,6,7	8,9,10,11,12
DW3W 34 Statutory Control of Buildings	1,2,3,4,5,6,7	8,9,10,11,12
F4MV 35 Conservation Crafts: Roofing	1,2,3,4,5,6,7	8,9,10,11,12
F50E 34 Conservation Crafts: Stonemasonry	1,2,3,4,5,6,7	8,9,10,11,12
F4N1 34 Conservation Crafts: Plastering	1,2,3,4,5,6,7	8,9,10,11,12
F558 34 Architectural Conservation: Graded Unit 1	1,2,3,4,5,6,7	8,9,10,11,12

The relationship of the individual mandatory Units to the stated aims of the HND

Title of Unit	General Aims	Specific Aims
F4MW 34 Architectural Conservation: Principles	1,2,3,4,5,6,7	8,9,10,11,12
F4MY 34 Architecture: Influences on the Development of Scottish Architecture	1,2,3,4,5,6,7	8,9,10,11,12
F4YC 34 Architectural Conservation Technology: Construction Techniques for Walls, Floors and Roofs	1,2,3,4,5,6,7	8,9,10,11,12
DW1E 34 CAD 2D1	1,2,3,5,6,7	8,9,10,11,12
DW3W 34 Statutory Control of Buildings	1,2,3,4,5,6,7	8,9,10,11,12
F4MV 35 Conservation Crafts: Roofing	1,2,3,4,5,6,7	8,9,10,11,12
F50E 34 Conservation Crafts: Stonemasonry	1,2,3,4,5,6,7	8,9,10,11,12
F4N1 34 Conservation Crafts: Plastering	1,2,3,4,5,6,7	8,9,10,11,12
F558 34 Architectural Conservation: Graded Unit 1	1,2,3,4,5,6,7	8,9,10,11,12
F4YB 35 Architectural Conservation: Maintenance of Traditional Buildings	13,14,15,16,17,18	19,20,21,22,23,24
F4Y9 34 Architectural Conservation: Factors Affecting Building Decay	13,14,15,16,17,18	19,20,21,22,23,24

**The relationship of the individual mandatory Units to the stated aims of the HND
(continued)**

Title of Unit	General Aims	Specific Aims
DW40 35 Surveying Historic Buildings	13,14,15,16,17,18	19,20,21,22,23,24
F4YD 35 Conservation of the Interiors of Traditional Buildings	13,14,15,16,17,18	19,20,21,22,23,24
F4Y4 35 Architectural Conservation: Contract Procurement and Documentation	13,14,15,16,17,18	19,20,21,22,23,24
F4Y8 35 Architectural Conservation: Cost Studies	13,14,15,16,17,18	19,20,21,22,23,24
DW1D 34 CAD Architectural 1	13,14,16,17,18	19,23,24
DW51 34 Building Maintenance Management	13,14,15,16,17,18	19,20,21,22,23,24
F500 35 Conservation Crafts: Stonemasonry Skills	13,14,15,16,17,18	19,20,23,24
F4N0 34 Conservation Crafts: Joinery	13,14,15,16,17,18	19,20,23
F4Y7 34 Conservation Crafts: Painting Conservation and Restoration	13,14,15,16,17,18	19,20,23
F4MX 35 Architectural Conservation: Repair of Walls, Floors and Roofs	13,14,15,16,17,18	19,20,21,22,23
F4S1 35 Architectural Conservation: Substructure, Geology and Structures	13,14,15,16,17,18	19,20,21,23
F559 35 Architectural Conservation: Graded Unit 2	13,14,15,16,17,18	19,20,21,22,23

Appendix 2: Alignment to National Occupational Standards

The Scottish Vocational Qualification (SVQ) at level 2 and 3 is the Government recognised qualification for craft operatives.

Modern apprentices in the construction industry are expected to complete this qualification during their training.

They are supported by the Confederation of Business and Industry, the Trade Union Congress and a wide range of employers.

All the Modern Apprenticeship frameworks are developed by the construction industry in which they will be implemented and therefore encompass all the skills required to become a craftsman, technician or manager in that area. Modern Apprenticeship frameworks can also be used as the basis for training of more mature employees. The SVQ in stonemasonry is managed by Construction Skills

The SVQ in stonemasonry provides for several alternative specialist production areas. A group of mandatory Units are common to the four specialist training plans. Each training plan has further specialist mandatory Units and optional Units.

The following table indicates the alignment between the SVQ and the revised HNC and HND in Architectural Conservation. Detailed knowledge and practical involvement in the construction industry processes during the SVQ course will be most valuable for students progressing via this route to the revised HNC and HND Architectural Conservation.

SVQ Mandatory Common Units	Revised HNC/HND Architectural Conservation Units	Mandatory or Optional	Outcome
DX9J 04 Conform to General Workplace Safety	Conservation Crafts: Stonemasonry 1 and 2, Plastering, Joinery, Roofing, Painting	M	1,2,3 and 4
DX9H 04 Confirm to Efficient Work Practices	Conservation Crafts: Stonemasonry 1 and 2, Plastering, Joinery, Roofing, Painting	M	1,2,3 and 4
DY4A 04 Move and Handle Resources	Conservation Crafts: Stonemasonry 1 and 2, Plastering, Joinery, Roofing, Painting	M	1,2,3 and 4
DY99 04 Produce Standard Templates and Moulds	Conservation Crafts: Stonemasonry 1 and 2, Plastering, Roofing CAD 2D1 and CAD Architectural 1	M	1,2,3 and 4
DY90 04 Produce Standard Masonry Components	Conservation Crafts: Stonemasonry 1 and 2	M	1,2,3 and 4
F004 04 Set Out Basic Stonemasonry Structures	Conservation Crafts: Stonemasonry 1 and 2	M	1,2,3 and 4
DY0F 04 Erect Basic Stonemasonry Structures	Conservation Crafts: Stonemasonry 1 and 2	M	1,2,3 and 4

SVQ Mandatory Common Units	Revised HNC/HND Architectural Conservation Units	Mandatory or Optional	Outcome
DY6M 04 Prepare Background Surfaces and Fixings to Receive Stone Cladding	Conservation Crafts: Stonemasonry 1 and 2	M	1,2,3 and 4
DY27 04 Install Stone Cladding to Solid Structures	Conservation Crafts: Stonemasonry 1 and 2	M	1,2,3 and 4
DY8Y 04 Produce Standard Memorial Stones	Currently no direct match in the HND Architectural Conservation		
DY1L 04 Fix and Secure Memorial Masonry	Currently no direct match in the HND Architectural Conservation		
DY9A 04 Produce Standard Architectural Stone Enrichments	Currently no direct match in the HND Architectural Conservation		
F002 04 repair Basic Stone Masonry Structures	Currently no direct match in the HND Architectural Conservation		
DYPY 04 Repair and Replace Stone Cladding	Currently no direct match in the HND Architectural Conservation		
DY9F 04 Provide Details to Memorial Stones	Currently no direct match in the HND Architectural Conservation		
Prepare and disseminate Home Condition Reports	DW40 35 Surveying Historic Buildings	M	1,2
Carry Out and Present Condition Surveys: Inspect Condition of Structure	DW40 35 Surveying Historic Buildings	M	1,2
	Construction Technology: Specialist Systems	O	1,2
	Construction Technology: Substructure	O	4
	Construction Technology: Industrial/Commercial Superstructure	O	1,2,3 and 4
Surveying, Property & Maintenance level 3: Contribute to the Preparation and Processing of Tender Procurement	Architectural Conservation: Contract Procurement and Documentation	M	1,2
Control Income and Expenditure: Allocate Organisational Budgets for Projects	Architectural Conservation: Cost Studies	M	1,2
Control Project Progress Against Agreed Programmes	Building Maintenance Management	M	1,2,3 and 4

SVQ Mandatory Common Units	Revised HNC/HND Architectural Conservation Units	Mandatory or Optional	Outcome
Develop and Implement Property Management Plan: Evaluate Options and Select Property Management Objectives and Plans	Building Maintenance Management	M	1,2,3 and 4
Plan Historical Conservation/ Restoration Activities	Conservation Crafts: Joinery	M	
	Conservation Crafts: Stonemasonry	M	1,2,3 and 4
	Conservation Crafts: Painting Conservation and Restoration	M	1,2,3 and 4
	Conservation Crafts: Stonemasonry Skills	M	1,2,3, and 4
	Conservation Crafts: Plastering	M	1,2,3 and 4
	Conservation Crafts: Roofing	M	1,2,3 and 4
	Building Maintenance Management	M	1,2,3 and 4
	DW40 35 Surveying Historic Buildings	M	1,2
	Architectural Conservation: Principles	M	1,2 and 3
	HNC Graded Unit	M	All
	HND Graded Unit	M	All
	Statutory Control of Buildings	M	1,2 and 3
	Architectural Conservation: Technology: Construction of Walls, Floors and Roofs	M	1,2 and 3
	Architectural Conservation: Technology: Repair of Walls, Floors and Roofs	M	1,2 and 3
	Architectural Conservation: Technology: Geology, Substructures and Structures	M	1,2 and 3
	Architecture: Influences on the Development of Scottish Architecture	M	1 and 2
	CAD 2D 1	M	1,2,3 and 4
	Fire Safety in Buildings	M	1,2,3 and 4
	Architectural Conservation Factors Affecting Building Decay	M	1,2 and 3
	CAD Architectural 1	M	1,2,3 and 4
	Conservation of the Interiors of Traditional Buildings	M	1,2 and 3
	Mathematics for Construction	M	1,2 and 3

SVQ Mandatory Common Units	Revised HNC/HND Architectural Conservation Units	Mandatory or Optional	Outcome
Prepare Drawings and Schedules: Prepare Drawings and Associated Graphical Information	CAD Architectural 1	M	1,2,3 and 4
	CAD 2D 1	M	1,2,3 and 4
	Construction Technology: Domestic Construction	O	1,2,3 and 4
Surveying, Property & Maintenance level 3: Use Technical Information Systems and Information Technology	Using Software Applications Packages	M	1,2 and 3
Contribute to Advances in the Body of Knowledge and Conservation Practice	Architectural Conservation: Principles	M	1,2 and 3
Advise on Conservation Policy and Plans	Architectural Conservation: Principles	M	1,2 and 3
	Architectural Conservation: Maintenance of Traditional Buildings	M	1,2 and 3
Investigate and Assess Factors Affecting Conservation	Architectural Conservation: Principles	M	1,2 and 3
	Architectural Conservation: Maintenance of Traditional Buildings	M	1,2 and 3
Advise on Conservation Methods and Project Compliance with Quality Standards	Architectural Conservation Factors Affecting Building Decay	M	1,2 and 3
	Architectural Conservation: Technology: Construction of Walls, Floors and Roofs	M	1,2 and 3
	Architectural Conservation: Technology: Repair of Walls, Floors and Roofs	M	1,2 and 3
	Architectural Conservation: Technology: Geology, Substructures and Structures	M	1,2 and 3
	Architecture: Influences on the Development of Scottish Architecture	M	1 and 2
Assess and Agree a Brief	HND Graded Unit	M	All
Maintain Relationships and Resolve Complex Problems Within an Ethical Framework	Communication: Practical Skills	O	1,2 and 3
	Communication: Presenting Complex Communication For Vocational Purposes	O	1,2 and 3
	Construction Technical Communication Skills	O	1,2 and 3
Communicate Effectively	Communication: Practical Skills	O	1,2 and 3

SVQ Mandatory Common Units	Revised HNC/HND Architectural Conservation Units	Mandatory or Optional	Outcome
	Communication: Presenting Complex Communication For Vocational Purposes	O	1,2 and 3
	Construction Technical Communication Skills	O	1,2 and 3
Plan and Implement the Maintenance of Property, Systems and Services: Plan and Schedule the Maintenance of Property, Systems and Services	Building Services: An Introduction	O	1,2,3,4 and 5
	Building Services in Large Buildings	O	1,2,3,4 and 5
Support Numeracy Development	Mathematics for Construction	M	1,2 and 3

Appendix 3: Credit transfer arrangements

Predecessor Unit code and Unit title	Revised Unit code and Unit title
D60B 04 Introduction to CAD for Construction	DW1E 34 CAD 2D1
D5RL 04 Principles of Architectural Conservation	F4MW 34 Architectural Conservation: Principles
D5RM 04 History of Architecture	F4MY 34 Architecture: Influences on the Development of Scottish Architecture
D5RN 04 Surveying Historic Buildings	DW40 35 Surveying Historic Buildings
D5RP 04 Architectural Conservation: The Statutory Framework	DW3W 34 Statutory Control of Buildings
D5RR 04 Architectural Conservation: Technology 1	F4YC 34 Architectural Conservation Technology: Construction Techniques for Walls, Floors and Roofs
	DW4D 34 Construction Technical Communication Skills
D5RS 04 Building Conservation Maintenance	F4YB 35 Architectural Conservation: Maintenance of Traditional Buildings
D5RT 04 Architectural Conservation: An Introduction to Stonemasonry 1	F50E 34 Conservation Crafts: Stonemasonry
D5RV 04 Architectural Conservation: An Introduction to Joinery 1	F4N0 34 Conservation Crafts: Joinery
D5RW 04 Architectural Conservation: An Introduction to Plasterwork	F4N1 34 Conservation Crafts: Plastering
D5RX 04 Architectural Conservation: An Introduction to Natural Slate and Tile Roofing	F4MV 35 Conservation Crafts: Roofing
D5RY 04 Architectural Conservation: Evaluation of Factors Affecting Building Decay	F4Y9 34 Architectural Conservation Factors Affecting Building Decay
A3JR 04 Information Processing and Retrieval	D85F 34 Using Software Applications Packages
D5S0 04 Fire Safety in Historic Buildings	DW4X 35 Fire Safety in Buildings
D5S1 04 Architectural Conservation: Technology 2	F4MX 35 Architectural Conservation: Repair of Walls, Floors and Roofs
D5S2 04 Architectural Conservation: Technology 2	F4S1 35 Architectural Conservation: Substructure, Geology and Structures
D5S3 04 Conservation of the Interiors of Traditional Buildings	F4YD 35 Conservation of the Interiors of Traditional Buildings
D5S4 04 Architectural Conservation: Maintenance Management	DW51 34 Building Maintenance Management
D5S5 04 Architectural Conservation: Contract Procurement and Documentation	F4YA 35 Architectural Conservation: Contract Procurement and Documentation

Predecessor Unit code and Unit title	Revised Unit code and Unit title
D5S6 04 Architectural Conservation: Cost Studies	F4Y8 35 Architectural Conservation: Cost Studies
A74X 04 Mathematics for Designers	DW4F 33 Mathematics for Construction
D5S8 04 Architectural Conservation: An Introduction to Painting	F4Y7 34 Conservation Crafts: Painting Conservation and Restoration
D5SB 04 Architectural Conservation: An Introduction to Stonemasonry Skills	F5000 35 Conservation Crafts: Stonemasonry Skills
D5S9 04 Architectural Conservation: An Introduction to Sheet Roof Finishes	F4MV 35 Conservation Crafts: Roofing

Appendix 4: Suggested delivery and assessment patterns

Suggested delivery and assessment patterns

HNC Architectural Conservation Assessment Schedule

Units	Block 1											Block 2											Block 3											Status
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Architectural Conservation: Principles			X				X			X																								M
Architectural Conservation: Influences on the Dev't of Scottish Architecture									X	X																								M
Architectural Conservation Technology Construction of of Walls, Floors and Roofs				X			X			X																								M
CAD 2D1					X		X		X	X																								M
Communication: Presenting Complex Communication				X			X		X																									O
Constructional Technical Communication Skills				X			X		X	X																								O
Conservation Crafts: Stonemasonry													X			X		X		X														M
Conservation Crafts: Painting Conservation														X			X			X														M
Consevation Crafts: Joinery												X			X		X			X														M
Mathematics for Construction													X			X				X														O
Using Software Application Packages													X			X				X														O
Statutory Control of Buildings																								X				X			X			M
Architectural Conservation: Historic Bldg Maintenance																								X				X			X			M
Architectural Conservation Factors Affecting Bldg Decay																									X				X		X			M
Construction Technology: Ind and Comm Superstructure																							X	X		X	X	X	X	X	X			O
Construction Technology: Specialist Systems																								X				X	X	X	X			O
Construction Technology: Substructure																								X				X	X	X	X			O
Construction Technology: Domestic Construction																								X			X	X	X	X	X			O
Building Services: An Introduction		X	X		X		X		X																									O
Building Services in Large Buildings		X		X		X		X	X																									O
Surveying Historic Buildings																												X			X			M
HNC Architectural Conservation Graded Unit 1																										X				X				M

X = Issue of assessment

O = Optional unit

M = Mandatory unit

Suggested delivery and assessment patterns

HND Architectural Conservation Assessment Schedule — Year 1

Units	Block 1											Block 2											Block 3											Status
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	
Architectural Conservation: Principles			x				x			x																								M
Architectural Conservation: Influences on the Dev't of Scottish Architecture										x	x																							M
Architectural Conservation Technology Construction of Walls, Floors and Roofs					x			x			x																							M
CAD 2D1						x		x		x	x																							M
Communication: Presenting Complex Communication						x			x		x																							O
Constructional Technical Communication Skills						x			x		x																							O
Conservation Crafts: Stonemasonry																	x			x		x												M
Conservation Crafts: Painting Conservation																																		M
Conservation Crafts: Joinery																																		M
Mathematics for Construction																																		O
Using Software Application Packages																																		O
Statutory Control of Buildings																																		M
Architectural Conservation: Historic Bldg Maintenance																																		M
Architectural Conservation Factors Affecting Bldg Decay																																		M
Construction Technology: Ind and Comm Superstructure																																		O
Construction Technology: Specialist Systems																																		O
Construction Technology: Substructure																																		O
Construction Technology: Domestic Construction																																		O
Building Services: An Introduction																																		O
Building Services in Large Buildings																																		O
Surveying Historic Buildings																																		M
HNC Architectural Conservation Graded Unit 1																																		M

X = Issue of assessment

O = Optional unit

M = Mandatory unit

Suggested delivery and assessment patterns

HND Architectural Conservation Assessment Schedule — Year 2

Units	Block 1											Block 2											Block 3											Status							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33								
Architectural Conservation: Cost Studies				X			X			X																														M	
Fire Safety in Buildings				X			X		X	X																															
CAD Architectural 1				X			X		X	X																															M
Building Services: An Introduction		X		X		X		X	X	X																															O
Building Services in Large Buildings		X			X		X		X	X																															O
Architectural Conservation: Technology Repair of Walls, etc				X			X																																		M
Conservation Crafts: Stonemasonry 2															X		X			X		X																		M	
Conservation Crafts: Plastering															X		X		X	X	X																			M	
Conservation Crafts: Roofing														X		X		X	X	X	X																				M
Conservation of Historic Interiors															X				X	X																					M
Architectural Conservation: Contract Procurement																X			X																						M
Building Maintenance Management																										X	X	X	X												M
Architectural Conservation: Technology Geology, etc																									X	X		X					X							M	
Construction Technology: Ind and Comm Superstructure																									X	X	X	X	X	X											O
Construction Technology: Specialist Systems																									X			X	X	X											O
Construction Technology: Substructure																									X			X	X	X											O
Construction Technology: Domestic Construction																									X		X	X	X												O
HND Architectural Conservation Graded Unit 2											X														X												X				M

X = Issue of Assessment

O = Optional unit

M = Mandatory unit

Appendix 5: Core Skills mapping

HNC/HND Architectural Conservation

S stands for signposted

Unit code	Unit title	Written Communication: Reading	Written Communication: Writing	Oral Communication	Using Graphical Information	Using Number	Using Information Technology	Problem Solving: Critical Thinking	Problem Solving: Planning and Organising	Problem Solving – Reviewing and Evaluating	Working With Others
F4MW 34	Architectural Conservation: Principles		SCQF level 5 S	SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 6 S	SCQF level 5 S
F4MY 34	Architecture: Influences on the Development of Scottish Architecture	SCQF level 6 S	SCQF level 6 S	SCQF level 6 S			SCQF level 5 S				
F4YC 34	Architectural Conservation: Construction Techniques for Walls, Floors and Roofs		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
DW1E 34	CAD 2D1					SCQF level 6 S	SCQF level 6 S				
DW3W 34	Statutory Control of Buildings	SCQF level 5 S	SCQF level 5 S		SCQF level 5 S	SCQF level 5 S		SCQF level 5 S			
F4N0 34	Conservation Crafts: Joinery		SCQF level 5 S	SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
F50E 34	Conservation Crafts: Stonemasonry		SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	
F4Y7 34	Conservation Crafts: Painting Conservation and Restoration		SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	
D5P3 34	Communication: Presenting Complex Communication for Vocational Purposes	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S			SCQF level 5 S				

Unit code	Unit title	Written Communication: Reading	Written Communication: Writing	Oral Communication	Using Graphical Information	Using Number	Using Information Technology	Problem Solving: Critical Thinking	Problem Solving: Planning and Organising	Problem Solving – Reviewing and Evaluating	Working With Others
DW4D 34	Technical Communication Skills	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S			SCQF level 5 S				
D77G 34	Communication: Practical Skills	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S			SCQF level 5 S				
D85F 34	Using Software Applications Packages						SCQF level 5 S				
DW4F 33	Mathematics for Construction				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	
F558 34	Architectural Conservation: Graded Unit 1		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S
F4YB 35	Architectural Conservation: Maintenance of Traditional Buildings		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
F4Y9 34	Architectural Conservation Factors Affecting Building Decay		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
DW40 35	Surveying Historic Buildings		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S
DW4P 33	Building Services: An Introduction	SCQF level 5 S	SCQF level 5 S						SCQF level 5 S	SCQF level 5 S	
DW4R 35	Building Services in Large Buildings		SCQF level 5 S							SCQF level 5 S	
F4YD 35	Conservation of the Interiors of Traditional Buildings		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
F4YA 35	Architectural Conservation: Contract Procurement and Documentation		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		

Unit code	Unit title	Written Communication: Reading	Written Communication: Writing	Oral Communication	Using Graphical Information	Using Number	Using Information Technology	Problem Solving: Critical Thinking	Problem Solving: Planning and Organising	Problem Solving – Reviewing and Evaluating	Working With Others
F4Y8 35	Architectural Conservation: Cost Studies		SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
DW1D 34	CAD Architectural 1				SCQF level 6 S	SCQF level 6 S	SCQF level 6 S	SCQF level 6 S			
DW51 34	Building Maintenance Management		SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		SCQF level 5 S
F500 35	Conservation Crafts: Stonemasonry Skills		SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S			
F4N1 34	Conservation Crafts: Plastering		SCQF level 5 S		SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	
F4MV 35	Conservation Crafts: Roofing		SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S			
F4MX 35	Architectural Conservation: Repair of Walls, Floors and Roofs		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
F4S1 35	Architectural Conservation: Substructure, Geology and Structures		SCQF level 5 S				SCQF level 5 S	SCQF level 5 S	SCQF level 5 S		
DW55 34	Construction Technology: Industrial and Commercial Superstructure		SCQF level 5 S					SCQF level 5 S			
DW56 35	Construction Technology: Specialist Systems		SCQF level 5 S					SCQF level 5 S			
DW57 34	Construction Technology: Substructure		SCQF level 5 S					SCQF level 5 S			

Unit code	Unit title	Written Communication: Reading	Written Communication: Writing	Oral Communication	Using Graphical Information	Using Number	Using Information Technology	Problem Solving: Critical Thinking	Problem Solving: Planning and Organising	Problem Solving – Reviewing and Evaluating	Working With Others
DW54 33	Construction Technology: Domestic Construction		SCQF level 5 S					SCQF level 5 S			
DW4X 35	Fire Safety in Buildings	SCQF level 5 S	SCQF level 5 S			SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	SCQF level 5 S	
F559 35	Architectural Conservation: Graded Unit 2	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S	SCQF level 6S