



Higher National Graded Unit specification

General information for centres

This Graded Unit has been validated as part of the HND Jewellery. Centres are required to develop the assessment instrument in accordance with this validated specification. Centres wishing to use another type of Graded Unit or assessment instrument are required to submit proposals detailing the justification for change for validation.

Graded Unit title: Jewellery: Graded Unit 2

Graded Unit code: F4CF 35

Type of Graded Unit: Project

Assessment Instrument: Practical Assignment

Credit points and level: 2 HN credits at SCQF level 8: (16 SCQF credit points at SCQF level 8*)

**SCQF credit points are used to allocate credit to qualifications in the Scottish Credit and Qualifications Framework (SCQF). Each qualification in the Framework is allocated a number of SCQF credit points at an SCQF level. There are 12 SCQF levels, ranging from Access 1 to Doctorates.*

Purpose: This Graded Unit is designed to provide evidence that the candidate has achieved the following principal aims of the HND Jewellery.

- ◆ to develop study and research skills
- ◆ to prepare candidates for progression to further studies
- ◆ to develop a range of vocational skills within the context of jewellery design and manufacture
- ◆ to conduct project work involving the planning, integration and application of a variety of skills within a determined timescale
- ◆ to enable the development of skills relevant to the jewellery industry
- ◆ to develop the candidates understanding of design concepts and processes relevant to the jewellery industry
- ◆ to develop a range of advanced vocational skills within the context of jewellery design and Manufacture
- ◆ to demonstrate the ability to integrate and apply complex advanced skills within jewellery and related industries
- ◆ to carry out complex project work involving research, analysis, planning and production
- ◆ to demonstrate the ability to manage projects effectively and evaluate their effectiveness in terms of time, materials and feasibility

General information for centres (cont)

Recommended prior knowledge and skills: It is recommended that the candidate should have completed or be in the process of completing the following Units relating to the above specific aims prior to undertaking this Graded Unit:

- ◆ F3Y3 34 *Jewellery: Design and Manufacture*
- ◆ DX2Y 35 *Creative Project for Artists and Designers*
- ◆ F3Y5 35 *Jewellery: Lost Wax Casting: Advanced*
- ◆ F3X7 35 *Jewellery: Manufacturing Techniques: Advanced*
- ◆ F3Y9 34 *Jewellery: Rub over Setting Techniques*
- ◆ F3Y2 35 *Jewellery: Claw Setting Techniques*
- ◆ DW13 34 *CAD 3D Modelling*
- ◆ F4CE 34 *Jewellery: Graded Unit 1*

Core Skills: There are opportunities to develop the Core Skills of *Problem solving*, *Communication*, *Information Technology* and *Working with Others* at SQCF level 6 and *Numeracy* at SQCF 5 in this Unit, although there is no automatic certification of Core Skills components.

Assessment: This Graded Unit will be assessed by the use of a Practical Assignment. The developed Practical Assignment should provide the candidate with the opportunity to produce evidence that demonstrates she/he has met the aims of the Graded Unit that it covers.

Administrative Information

Graded Unit code: F4CF 35
Graded Unit title: Jewellery: Graded Unit 2
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History of changes:

Version	Description of change	Date

Source: SQA

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Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates

Graded Unit title: Jewellery: Graded Unit 2

Conditions of assessment

The candidate should be given a date for completion of the Practical Assignment. However, the instructions for the assessment task should be distributed to allow the candidate sufficient time to assimilate the details and carry out the assessment task. During the time between the distribution of the assessment task instructions and the completion date, assessors may answer questions, provide clarification, guidance and reasonable assistance. The assessment task should be marked as soon as possible after the completion date. The final grading given should reflect the quality of the candidate's evidence at the time of the completion date.

The evidence for the project is generated over time and involves three distinct stages, where each stage has to be achieved before the next is undertaken. Thus any re-assessment of stages must be undertaken before proceeding to the next stage.

If a candidate fails the project overall or wishes to upgrade, then this must be done using a *substantially different* project, ie all stages are undertaken using a new project, assignment, case study, etc. In this case, a candidate's grade will be based on the achievement in the re-assessment, if this results in a higher grade.

Instructions for designing the assessment task

The assessment task is a project. The project undertaken by the candidate must be a complex task which involves:

- ◆ variables which are complex or unfamiliar that are presented in a detailed design brief that requires interpretation by the candidate
- ◆ relationships within the brief which need to be clarified by the candidate
- ◆ a context in the form of a brief which may be familiar or unfamiliar to the candidate, requiring the creation of designs, the production of a finished piece of jewellery and presentation of their work

The assessment task must require the candidate to:

- ◆ analyse the task and decide on a course of action for undertaking the project
- ◆ plan and organise work and carry it through to completion
- ◆ reflect on what has been done and draw conclusions for the future
- ◆ produce evidence of meeting the aims which this Graded Unit has been designed to cover

The project will involve a practical assignment culminating in a finished piece of jewellery and a presentation of the design and finished item. This piece of jewellery must demonstrate the application of the skills and knowledge acquired within the specified Units. The assessment instrument requires that candidates are provided with a brief which allows them to plan, prepare and demonstrate their creative and technical skills from conceptualisation through design to a finished piece of jewellery.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates

The assessment must ensure that candidates:

- ◆ interpret a detailed design brief for a client that requires them to set and agree parameters within the broad guidelines provided by the brief. The parameters must be agreed with the tutor and be appropriate to the brief. The most appropriate approach to the project is one that requires candidates to select a particular area of jewellery design, techniques and technical skills to produce a creative solution to the given brief.
- ◆ research materials, ideas and gather source information.
- ◆ develop design solutions appropriate to a chosen specialist area that reflect the candidate's particular interests, strengths and resources and is appropriate to the brief.
- ◆ produce ideas, sketches and a finished presentation drawing for a piece or pieces of jewellery.
- ◆ produce a finished jewellery item
- ◆ present the finished jewellery item with supporting drawings and the finished design to a 'client panel'.
- ◆ evaluate the design solutions and their own project management skills.

The practical assignment and the way that it is planned and developed should reflect the opportunities for the candidate to demonstrate their design and technical skills within the brief. The brief should be sufficiently flexible to allow choice in the way the project is developed so that it may reflect candidates' particular interests, strengths and resources.

Each candidate must produce an individual response which should include research material ideas and sketches, consideration of materials and techniques and the constraints of the materials and techniques employed. CAD drawings, working drawings, finished presentation drawings, and finished jewellery.

Candidates will present their ideas and explain their solution in a final presentation. This presentation should be to a panel consisting of a minimum of two people and interactive questioning should be part of the process. The presentation should last approximately 10 minutes.

Guidance on grading candidates

Candidates who meet the minimum Evidence Requirements will have their achievement graded as C — competent, or A — highly competent or B somewhere between A and C. The grade related criteria to be used to judge candidate performance for this Graded Unit is specified in the following table.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Grade A	Grade C
<p>Is a seamless, coherent piece of work which:</p> <ul style="list-style-type: none"> ◆ demonstrates all evidence for the three essential phases of the project ◆ develops a plan and identifies and obtains resources from a minimum of three different sources to carry out the plan by developing the concept ◆ carries out the plan by developing the concept ◆ evaluates the research ◆ is produced to a high standard that is clearly interrelated to the design brief and demonstrates a sophisticated level of planning and presentation ◆ demonstrates a high level of creativity and practicality in interpretation of the brief which identifies all relevant factors involved and assesses their relevance to producing a comprehensive systematic and sophisticated approach to the solution ◆ provides a creative presentation using visual material that provides a clear understanding of jewellery design development and meets the requirement of the brief ◆ demonstrates a high level of craftsmanship in producing jewellery of a well finished, professional standard ◆ effectively consolidates and integrates required knowledge and skills to produce a viable design solution ◆ produces a solution which is well structured throughout and demonstrates a clear and concise link through all stages of the project ◆ uses high quality visuals and communicates creative ideas to a sophisticated level ◆ reviews and evaluates the project plan in a comprehensive way, fully explains the relevance of the evidence gathered and draws conclusions to identify the transferable knowledge and skills gained which can be used in the future ◆ provides an insightful evaluation of the finished item of jewellery and the extent to which it meets the brief and clearly identifies areas for potential improvement 	<p>Is a co-ordinated piece of work which:</p> <ul style="list-style-type: none"> ◆ has evidence of the three essential phases of the project ◆ develops a plan and identifies and obtains resources from a minimum of two sources to carry out the plan ◆ carries out the plan by developing the concept ◆ evaluates the research ◆ is produced to a standard which demonstrates a level of planning and presentation appropriate to the brief ◆ demonstrates an interpretation of the brief which identifies the essential factors involved and assesses their relevance to producing an approach to the solution ◆ provides a presentation of visual material that shows jewellery design development that meets the requirement of the brief ◆ demonstrates craftsmanship in producing an item of jewellery finished to a functional standard ◆ consolidates and integrates knowledge and skills to produce and design solution but may lack some continuity and consistency ◆ produces a solution which demonstrates a link through all stages of the project ◆ uses visuals to communicate ideas to level appropriate to a client presentation ◆ reviews and evaluates the project plan, at a basic level explains the evidence gathered and identifies the knowledge and skills gained which can be used in the future ◆ evaluates the finished item of jewellery and the extent to which the item of jewellery meets the requirements of the client brief

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

The project will be marked out of 100. Assessors will mark each stage of the project, taking into account the criteria outlined. The marks will then be aggregated to arrive at an overall mark for the project. Assessors will then assign an overall grade to the candidate for this Graded Unit based on the following grade boundaries.

A	=	70%	—	100%
B	=	60%	—	69%
C	=	50%	—	59%

Note: the candidate must achieve all of the minimum evidence specified below for each stage of the project in order to achieve the Graded Unit.

Evidence Requirements

The project consists of three stages: planning; developing; and evaluating. The following table specifies the minimum evidence required to pass each stage.

Note: The candidate must achieve **all of the minimum evidence** specified below for each stage of the project in order to pass the Graded Unit.

Project stage	Minimum Evidence Requirements
Stage 1 — Planning 20%	<p>An action plan which contains:</p> <ul style="list-style-type: none"> ◆ the candidate’s interpretation of the brief that must <ul style="list-style-type: none"> — Identify the key points within the brief — Identify parameters for development ◆ clear objectives for the conduct of the project <ul style="list-style-type: none"> — including at least three objectives which are Specific, Measurable, Attainable, Realistic and Timebound ◆ identification of suitable resource material <ul style="list-style-type: none"> — including identification of at least one resource ◆ evidence of materials/techniques research <ul style="list-style-type: none"> — utilising at least one source ◆ identification of the stages involved in development <ul style="list-style-type: none"> — including as a minimum; objectives, planning, materials and techniques research, design exploration and solutions, design and manufacture and client presentation ◆ identification of the timelines for completion of each stage of development <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Planning stage.</i></p>

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Project stage	Minimum Evidence Requirements
Stage 2 — Developing 60%	<p>The development of creative solutions for finished jewellery which includes</p> <ul style="list-style-type: none"> ◆ investigation into a variety of solutions showing the development of a minimum of five jewellery designs including thumbnails sketches and supporting drawings ◆ consideration of suitable materials/techniques appropriate to the designs and to the client brief presented ◆ selection of final jewellery design for manufacture, including reasons for the selection ◆ presentation drawing to scale and in colour showing the final design selected, suitable for presentation to a client ◆ production of a final finished jewellery to a functional standard, including <ul style="list-style-type: none"> — used of advanced manufacturing techniques that demonstrate a level of skill appropriate to the brief — use of materials appropriate to the brief — a finished item must accurately reflecting the design drawing chosen ◆ presentation of the final design and finished item of jewellery for a client, incorporating <ul style="list-style-type: none"> — presentation drawings which are clear, in colour and to scale — reasons for the choice and clear statement of how the final solution meets the brief — appropriate presentation of the finished item <p>Written and visual records of the process underpinning the activity should be retained in a log book which should contain:</p> <ul style="list-style-type: none"> ◆ the plan with details of any amendments <ul style="list-style-type: none"> — (any problems which have arisen must be identified and any actions taken to remedy these detailed) ◆ evidence of research and development <ul style="list-style-type: none"> — (at least one source must be used) <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Developing stage.</i></p>

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Project stage	Minimum Evidence Requirements
Stage 3 — Evaluating 20%	<p>Candidates must produce an evaluation in the form of a report (which should</p> <ul style="list-style-type: none"> ◆ briefly outline the practical assignment ◆ review and update the action plan and timelines in the light of experience ◆ summarise any unforeseen design problems and how they were resolved ◆ identify any knowledge and skills which have been gained or developed ◆ assess the strengths and weaknesses of the design solution and suitability of techniques and materials used ◆ identify any lessons gained and areas for personal improvement ◆ determine to what extent the design solution and finished item met the original brief <p><i>The candidate must achieve all of the minimum evidence specified above in order to pass the Evaluating stage.</i></p>

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

Support notes

It is envisaged that this Graded Unit would be delivered mid-way through the HND second year. The following Units should have already been completed or nearly completed.

- ◆ F3Y3 34 *Jewellery: Design and Manufacture*
- ◆ DX2Y 35 *Creative Project for Artists and Designers*
- ◆ F3Y5 35 *Jewellery: Lost Wax Casting: Advanced*
- ◆ F3X7 35 *Jewellery: Manufacturing Techniques: Advanced*
- ◆ F3Y9 34 *Jewellery: Rub over Setting Techniques*
- ◆ F3Y2 35 *Jewellery: Claw Setting Techniques*
- ◆ DW13 34 *CAD 3D Modelling*
- ◆ F4CE 34 *Jewellery: Graded Unit 1*

Candidates will also benefit from having completed or be in the process of completing Optional Units which have allowed them to develop expertise on specialist areas such as:

- ◆ DV5T 34 *Art and Design: Creative Process*
- ◆ F3Y0 35 *Silversmithing: Advanced*
- ◆ F3X6 34 *Jewellery: Experimental Techniques*

Centres should consider scheduling delivery of this Graded Unit to ensure that sufficient time is allowed for any remediation and re-assessment and subsequent internal and external verification. A tutor support system would help candidates to develop the brief and ensure that they are carrying out appropriate preparation and keeping to timelines. It may also help candidates develop time management and project management skills. However, it is important to ensure that the work and the responsibility for the work produced rests with candidates.

The brief given to candidates should be open and should require them to select or identify a technique or techniques and jewellery item that reflects their own interests or personal style, however, the approach must be in line with the brief presented. Candidates should discuss their plans with their tutor before progressing. Candidates should be encouraged to thoroughly research their chosen techniques/processes and select suitable materials appropriate to the brief. Candidates are expected to produce five possible design solutions and develop one of those solutions into a finished piece of jewellery.

The finished piece of jewellery should show evidence of a significant level of complexity in design and technical skills reflecting the techniques, skills and knowledge gained in the Units identified under recommended prior knowledge and skills. Candidates are expected to log their progress throughout the Graded Unit and meet any deadlines agreed with their tutor.

Higher National Graded Unit specification: instructions for designing the assessment task and assessing candidates (cont)

The Unit is assessed through candidates articulating their ideas through a design presentation. This could be supplemented with the log of activities and a portfolio of design solutions working drawings, presentation drawings and technical notes. Candidates would explain and justify their design solutions to a panel, as they would a client. The panel would ask questions about the development of the design, the techniques used and methods of manufacture chosen, enabling candidates to explain and justify their design development. It is anticipated that the evaluation would take the form of a short report which should be the equivalent of approximately 500 words. Centres could use checklists to support the evidence for the presentation.

There are opportunities to develop the Core Skills of *Problem Solving, Communication, IT* and *Working with Others* at SCQF level 6.

Problem Solving is demonstrated throughout this Graded Unit which requires the planning, development and evaluation of a project. Additionally candidates will have to evaluate the quality of the product they are creating and ensure that it meets the requirements of the agreed brief. Communication skills are demonstrated in the negotiation and mentoring between the candidate and the tutor in evaluation report, and where candidates present their work to a panel/client.

The Core Skills of *Information Technology* at SCQF level 6 could be developed where candidates use appropriate skills to produce reports, use the internet for research purposes, and use design, imaging or prototyping software. Design software is in particular likely used as part of the design process. Additionally candidates could be encouraged to record the development of their product using digital media.

Candidates may develop their skills in *Working with Others* where engaging in any negotiations that between themselves and the tutor or 'client'. This may include mentoring meetings and any negotiations which take place in the workshop involving sharing of specialist equipment and machinery.

The Using Number component of the *Numeracy* Core Skill may be developed at SCQF level 5 with candidates having to work out quantities and costs of materials used and time spent in manufacturing the piece of jewellery which may involve eg accurate measuring required to craft their pieces.

Candidates with disabilities and/or additional support needs

The additional support needs of individual candidates should be taken into account when planning learning experiences, selecting assessment instruments or considering alternative assessment arrangements. For information on these, please refer to the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs*, which is available on SQA's website: www.sqa.org.uk.

General information for candidates

This Graded Unit is designed to integrate the knowledge and skills you have gained in your study of Jewellery HND. Once you have completed this Graded Unit you will:

- ◆ be aware of your strengths in the jewellery area
- ◆ be able to use your chosen strengths to design and produce jewellery to meet a given brief
- ◆ have developed your understanding of design concepts and processes in relation to jewellery
- ◆ have developed advanced skills relevant to the jewellery industry
- ◆ be able to carry out complex project work involving research, analysis planning and production
- ◆ be able to work to given timescales
- ◆ be able to manage projects and evaluate the effectiveness of your solutions
- ◆ have developed advanced craft skills in jewellery

In undertaking this Graded Unit, you will practice a more independent approach to learning. You will develop your project management skills and practice development of your own ideas. You will be encouraged to record your activities in a logbook. Before you undertake the project, you will have completed or will be in the process of completing:

- ◆ F3Y3 34 *Jewellery: Design and Manufacture*
- ◆ DX2Y 35 *Creative Project for Artists and Designers*
- ◆ F3Y5 35 *Jewellery: Lost Wax Casting: Advanced*
- ◆ F3X7 35 *Jewellery: Manufacturing Techniques: Advanced*
- ◆ F3Y9 34 *Jewellery: Rub over Setting Techniques*
- ◆ F3Y2 35 *Jewellery: Claw Setting Techniques*
- ◆ DW13 34 *CAD 3D Modelling*
- ◆ F4CE 34 *Jewellery: Graded Unit 1*

You will be given a detailed design brief and you will be asked to clarify and negotiate this brief with your tutor. You will be asked to evaluate your strengths and personal interests in jewellery techniques and the strengths to help you identify will determine the materials and techniques used to produce the piece of jewellery.

You will then produce an action plan which sets timelines for completion of various parts of the project. You will have regular meetings with your tutor to check on your progress, however, the responsibility for doing the research, producing design solutions and producing the final item of jewellery is yours. It is therefore important that you stick to the deadlines and dates set for meetings and completing parts of your project. Once you have successfully completed the planning stage, you will then go on to develop five design solutions, one of which you have to develop into a finished presentation drawing. You will then fabricate a piece of jewellery to professional standards. Once you have successfully passed this part of the project you will then move on to the evaluation stage where you will show that you can review the whole project, the suitability of the design, techniques and materials used and draw conclusions on how the design solution met the brief. This would take the form of a presentation and a 500 word report.

Overall you will receive a grading in this Unit based on the boundaries below:

- A = 70% — 100%
- B = 60% — 69%
- C = 50% — 59%

General information for candidates (cont)

There are opportunities for you to develop Core Skills in the areas of *Problem Solving*, *Communication*, *Information Technology* and *Working with Others* in this Unit.