



Higher National Unit specification

General information for centres

Unit title: Silversmithing: Advanced

Unit code: F3Y0 35

Unit purpose: This Unit will enable candidates to develop and apply a combination of skills to design and make a finished piece of silverware.

On completion of the Unit the candidate should be able to:

- 1 Produce a series of designs for a silversmithing item from a specified brief.
- 2 Produce a complex item of silversmithing.
- 3 Finish an item of silversmithing.

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.*

Recommended prior knowledge and skills: Access to this Unit is at the discretion of the centre. However, candidates would benefit from having achieved *Silversmithing: An Introduction* or relevant industrial experience.

Core Skills: There are opportunities to develop the Core Skills of *Communication, Working with Others, Problem Solving* and the *Numeracy* component Using Number at SCQF level 5 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

Context for delivery: If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

Assessment: Assessment for this Unit comprises both design and completed practical evidence, in the production and finishing of a complex item of silversmithing. Assessment of the three Outcomes is integrated.

Higher National Unit specification: statement of standards

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The sections of the Unit stating the Outcomes, Knowledge and/or Skills, and Evidence Requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the Knowledge and/or Skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

Outcome 1

Produce a series of designs for a silversmithing item from a specified brief

Knowledge and/or Skills

- ◆ Design brief
- ◆ Silversmithing techniques
- ◆ Silversmith source material
- ◆ Types of media

Evidence Requirements

Candidates will need to produce evidence demonstrate their Knowledge and/or Skills in the form of research into silversmithing techniques and source material. Candidates will present a design solution relevant to the brief, including a series of designs, one of which will be selected for production.

Candidates must submit evidence in the form of visuals showing development of the design solution for a piece of silversmithing from the research stage to a finished conclusion, for a piece of silversmithing. Visuals must be presented using at least two types of media.

This Outcome is integrated with Outcomes 2 and 3 in that the design selected will be used to produce and finish an item of silversmithing.

Assessment Guidelines

Evidence may be presented in the form of a sketchbook. Accompanying information could also include visuals of different silversmithing items showing research into work made on a larger scale. A work/sketchbook detailing all techniques and methods of construction should be kept by each candidate, and all sketches preliminary drawings/notes should be retained as evidence for Outcome 1 and 2.

Higher National Unit specification: statement of standards (cont)

Unit title: Silversmithing: Advanced

Outcome 2

Produce a complex item of silversmithing

Knowledge and/or Skills

- ◆ Techniques
- ◆ Measuring
- ◆ Marking
- ◆ Types of tools
- ◆ Materials
- ◆ Technical notes
- ◆ Weighing
- ◆ Costing
- ◆ Health and safety

Evidence Requirements

Candidates will need to provide evidence to demonstrate their Knowledge and/or Skills by showing that they can produce a complex item of silversmithing. Candidates must:

- ◆ choose materials for fabrication.
- ◆ use a technique that is appropriate to the complexity of the item produced.
- ◆ select appropriate tools. This must include those for measuring and marking.
- ◆ produce a final costing of the piece, which takes into consideration weight, labour, and materials.
- ◆ produce technical notes to accompany the production process.
- ◆ work in a safe manner.

This Outcome is integrated with Outcomes 1 and 3 in that the produced item of silversmithing will be based on the design selected in Outcome 1 and will be finished in Outcome 3.

Assessment Guidelines

A work/sketchbook detailing all techniques and methods of construction should be kept by each candidate, and all sketches preliminary drawings/notes should be retained as evidence for Outcome 1 and 2.

Higher National Unit specification: statement of standards (cont)

Unit title: Silversmithing: Advanced

Outcome 3

Finish an item of silversmithing

Knowledge and/or Skills

- ◆ Filing
- ◆ Abrasive papers
- ◆ Mechanical finishing
- ◆ Hand finishing

Evidence Requirements

Candidates will need to provide evidence to demonstrate their Knowledge and/or Skills by showing that they can:

- ◆ finish the item of silversmithing produced in Outcome 2, using filing and abrasive papers and at least one finishing technique
- ◆ evaluate other types of finishing not used
- ◆ produce technical notes to accompany the finishing process
- ◆ work in a safe manner

This Outcome will be assessed in conjunction with the previous Outcomes, in that the finished item of silversmithing will be based on the item designed in Outcome 1 and produced in Outcome 2. Candidates will also use the knowledge and skills from Outcome 2 to work in a safe manner.

Assessment Guidelines

Candidates may use their technical notes to record their evaluation of the finishes not used.

Administrative Information

Unit code: F3Y0 35

Unit title: Silversmithing: Advanced

Superclass category: JH

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Higher National Unit specification: support notes

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This part of the Unit specification is offered as guidance. The support notes are not mandatory.

While the exact time allocated to this Unit is at the discretion of the centre, the notional design length is 80 hours.

Guidance on the content and context for this Unit

This Unit forms part of the HND Jewellery.

This Unit should explore techniques to create a complex item of silversmithing. Silversmithing techniques and finishing techniques will be demonstrated. The Unit should provide candidates with the opportunity to explore the more complex methods required in the production of a piece of silversmithing. Candidates should work to a design brief set by the tutor. They will be given the opportunity to explore a number of ideas through a series of designs. These should lead to a finished object in metal.

Guidance on the delivery and assessment of this Unit

The purpose of this Unit is to enable candidates to acquire the skills and techniques necessary to design and produce a complex item of silversmithing. Complexity might be demonstrated by the use of advanced techniques, such as hinging.

The design brief issued by the tutor will require candidates to generate evidence in several forms. A work/sketchbook detailing all techniques and methods of construction should be kept by each candidate, and all sketches preliminary drawings/notes should be retained as evidence for Outcome 1 and 2. The piece of silversmithing may be finished in a variety of ways, such as machine polishing, hand finishing, textured, sand blasting, oxidising, planishing, or burnishing. Health and safety awareness should be evident throughout. The completed piece should be submitted as evidence for Outcome 3.

In Outcome 2 where produce a final costing of their pieces, it may be useful for candidates to consider may be useful to consider final sale price in addition to weight, labour, and materials.

Outcomes 1, 2 and 3 are integrated, in that candidates will be required to select a design, produce an item of silversmithing from this design and finish the produced item of silversmithing.

Examples of previous candidates' work could be made available to demonstrate the standards required and provide inspiration.

Opportunities for developing Core Skills

There are opportunities to develop the Core Skills of *Communication*, *Working with Others*, *Problem Solving* and the Using Number component of *Numeracy* at SCQF level 5 in this Unit.

The Oral Communication component could be developed through discussions and presentations, interacting with both the tutor and peer group. These could be short informal presentations discussing sketchbook work and design concepts and engaging in question and answer sessions.

Higher National Unit specification: support notes (cont)

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Candidates could develop the Written Communication component when carrying out research into designs and compiling technical notes on the techniques used.

Working with Others could be developed throughout this Unit where candidates have to negotiate the use of equipment, tools and space, responding to the needs of others and share limited resources.

The Using Number component of *Numeracy* could be developed when using numerical and mathematical skills to estimate material and cost for the item to be produced.

Problem Solving may be developed through the process of development and selection throughout the Unit and the planning and production of an item (taking into account resources, materials and time management). Reviewing and evaluating will be taking place from the initial scale models through to the finished product.

Open learning

This Unit is not suited to delivery by distance learning, as a fully equipped workshop is required.

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 Outcomes for Units. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* (www.sqa.org.uk).

General information for candidates

Unit title: Silversmithing: Advanced

This Unit will enable you to develop and apply a combination of skills to design and make a finished piece of silverware. Through learned techniques, you will make a complex item of silversmithing.

Initially, you will work from source material developing your designs through the design process in work/sketchbook format. You will also research types of silversmithing by collating visuals of existing pieces that have been made. Silversmithing techniques and finishes will be collated in a technical notebook or included in your work/sketchbook.

You will select a technique to produce the item of silversmithing and explore different options for finishing shown by making samples in metal.

You will be encouraged to develop a portfolio of work or sketchbook, which will collate your research, samples CAD drawings and observations. You will also include a final costing of the piece.

You may have the opportunity to develop the Core Skills of *Communication*, *Working with Others*, and *Problem Solving*, and the Using Number component of *Numeracy*, at SCQF level 5.