



Higher National Unit specification

General information for centres

Unit title: Silversmithing: An Introduction

Unit code: F3Y1 34

Unit purpose: This Unit is designed to give candidates an opportunity to explore a variety of fabrication techniques for a small item of silverware.

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

- 1 Produce designs for a small item of silversmithing.
- 2 Select construction techniques and tools.
- 3 Produce a small item of silversmithing.

Credit points and level: 2 HN credits at SCQF level 7: (16 SCQF credit points at SCQF level 7*)

**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 D0KY 12 *Jewellery Design: Doming and Forming* and E8J9 12 *Jewellery Design: Silversmithing*.

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, 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: Candidates could produce design research in a work/sketchbook format and a collection of models displaying design solutions.

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 designs for a small item of silversmithing

Knowledge and/or Skills

- ◆ Design
- ◆ Model-making
- ◆ Development drawings
- ◆ Costs

Evidence Requirements

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

- ◆ produce different designs that demonstrate a variety of design possibilities for a given design brief. Form, scale and proportion must be demonstrated over the designs but not necessarily for each one.
- ◆ develop the designs through model making and drawings. One of the designs must be suitable for fabrication. A final drawing must be produced and the cost of the piece must be estimated.

This Outcome will be assessed in conjunction with Outcomes 2 and 3 in that one design will be used for the selection of techniques in Outcome 2 and the production of a silversmithing item in Outcome 3.

Assessment Guidelines

Candidates could produce research in work/sketchbook format with models, a minimum of ten pages of different designs is recommended.

Higher National Unit specification: statement of standards (cont)

Unit title: Silversmithing: An Introduction

Outcome 2

Select construction techniques and tools

Knowledge and/or Skills

- ◆ Techniques
- ◆ Tools
- ◆ Materials
- ◆ Constraints
- ◆ Cost
- ◆ Finishes

Evidence Requirements

Candidates will use a design selected from Outcome 1 to provide evidence to demonstrate their Knowledge and/or Skills by showing that they can:

- ◆ select construction techniques and tools appropriate to the design. The technique selected must consider the constraints of the materials, costs and type of finish required.

This Outcome will be assessed in conjunction with Outcomes 1 and 3 in that the construction techniques will relate to a design selected from Outcome 1 and the techniques chosen must be applied in the production of an item of silversmithing for Outcome 3.

Assessment Guidelines

This could be assessed by samples, work/sketchbook, annotated drawings, or CAD software.

Higher National Unit specification: statement of standards (cont)

Unit title: Silversmithing: An Introduction

Outcome 3

Produce a small item of silversmithing

Knowledge and/or Skills

- ◆ Material handling
- ◆ Constraints
- ◆ Finishing process

Evidence Requirements

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

- ◆ produce a small item of silversmithing based on one design produced in Outcome 1 and using the construction techniques selected in Outcome 2. The technique must be applicable to the constraints of the material used. The finish must be appropriate to the design.

This Outcome will be assessed in conjunction with Outcomes 1 and 2 in that candidates will use the design and techniques selected in these Outcomes to produce an item of silversmithing.

Assessment Guidelines

Candidates will produce a finished piece of silversmithing.

Administrative Information

Unit code: F3Y1 34

Unit title: Silversmithing: An Introduction

Superclass category: JH

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Higher National Unit specification: support notes

Unit title: Silversmithing: An Introduction

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 Jewellery HNC/HND.

The Unit should provide candidates with an introduction to the more complex methods required in the production of a larger piece, such as a box, bottle, container or neckpiece. Candidates should work to a design brief set by the tutor. Candidates will be given the opportunity to explore a number of ideas through a series of models, sketches and exploratory drawings. 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 larger fabricated metal objects.

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 and notes should be retained as evidence for Outcomes 1 and 2. The larger metal piece may be finished in a variety of ways, such as, machine polishing sand blasting, planishing, or burnishing. Health and safety awareness should be evident through out. The completed piece should be submitted as evidence for Outcome 3.

Outcomes 1, 2 and 3 are integrated in that candidates will be required to select a design, choose construction techniques, and apply these in the production of an 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.

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

Higher National Unit specification: support notes (cont)

Unit title: Silversmithing: An Introduction

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 for 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: An Introduction

In this Unit you will learn how to make a small item of silversmithing, which may incorporate experimental and traditional techniques that you have learnt.

You will work initially with materials such as paper or card, using cutting, folding, slotting to produce models and then enhance these initial designs using paper, pens, pencils, paint to produce further designs in work/sketchbook format.

The type of techniques you may be shown will include: scoring and folding, wire rolling, hammering, forging, surface finishes.

The models you produce will be developed from your own sources or inspiration. These will be documented and included in your final assessment. You will be encouraged to develop a work/sketchbook, in which you will collate your research, samples and observations. You will also include a final drawing and costing of the piece.

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