



National Unit specification: general information

Unit title: Jewellery: Silversmithing (SCQF level 6)

Unit code: H1KH 12

Superclass: JH

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Summary

This Unit will enable candidates to acquire skills and knowledge in silversmithing. Candidates will produce designs for a small item of silversmithing in response to a given brief and develop these into a small item of silversmithing. This Unit is suitable for candidates who: are undertaking a programme of study in jewellery design and manufacture, but can also be taken as a free standing Unit

This Unit is particularly suitable for those candidates wishing to embark upon a career in jewellery design and/or manufacture.

Outcomes

- 1 Produce designs for a small item of silversmithing in response to a design brief.
- 2 Produce samples of silversmithing techniques.
- 3 Produce a finished piece of silversmithing in response to the design brief.

Recommended entry

While entry is at the discretion of the centre, it would be beneficial if candidates had some previous experience of basic jewellery techniques, materials and processes.

Credit points and level

2 National Unit credit at SCQF level 6: (12 SCQF credit points at SCQF level 6*)

**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.*

General information (cont)

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Core Skills

Achievement of this Unit gives automatic certification of the following Core Skills component:

Complete Core Skill None

Core Skill component Critical Thinking at SCQF level 4

There are also opportunities to develop aspects of Core Skills which are highlighted in the Support Notes of this Unit specification.

National Unit specification: statement of standards

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Acceptable performance in this Unit will be the satisfactory achievement of the standards set out in this part of the Unit specification. All sections of the statement of standards are mandatory and cannot be altered without reference to SQA.

Outcome 1

Produce designs for a small item of silversmithing in response to a design brief.

Performance Criteria

- (a) Identify the requirements of the brief.
- (b) Develop ideas in response to the given brief.
- (c) Select ideas suitable for development.
- (d) Develop final design for a small item of silversmithing.

Outcome 2

Produce samples of silversmithing techniques.

Performance Criteria

- (a) Select appropriate tools and equipment.
- (b) Produce samples of metal forming.
- (c) Produce samples of forging.
- (d) Produce technical notes detailing materials techniques and equipment.

Outcome 3

Produce a finished piece of silversmithing in response to the design brief.

Performance Criteria

- (a) Select appropriate materials tools and equipment.
- (b) Produce a small item of silversmithing.
- (c) Use suitable finishing techniques.
- (d) Produce technical notes describing processes used.

National Unit specification: statement of standards (cont)

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Evidence Requirements for this Unit

Evidence is required to demonstrate that candidates have achieved all Outcomes and Performance Criteria.

Product evidence and written and/or oral evidence will be produced to demonstrate that candidates have achieved all of the Outcomes and Performance Criteria. Candidates will demonstrate the ability to follow a given brief and select and use appropriate materials, techniques and working methods in the production of a finished piece of silversmithing.

Candidates will produce a folio of work that includes:

- ◆ A series of initial visual ideas and research suitable for use in the development of Silversmithing designs. The ideas will be generated by the use of selected thematic source material and show understanding of the requirements of the brief.
- ◆ Examples of forming and forging techniques that reflect the use of and/or development of ideas in the original source material and which demonstrates the competent use of selected materials, tools and techniques.
- ◆ An item of silversmithing that is correctly made and finished.

The evidence for this Unit must be produced under open-book conditions throughout delivery of the Unit, with progress monitored by lecturers on an on-going basis.

Assessor should use an observation checklist to record candidates' safe use of working practices during the Unit.

The folio of work may be presented in a sketchbook, workbook or display board format and all assessment evidence must be retained along with a copy of the brief.

It is recommended that all Outcomes are assessed holistically; however each Outcome can be assessed individually at the centres discretion.

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

The purpose of the Unit is to equip candidates with the knowledge and practical experience of using basic silversmithing materials, tools and techniques. The Unit is designed to enable candidates to apply the knowledge and skill gained to design and produce a small finished piece of silversmithing in response to a given brief. The finished work should demonstrate the appropriate use of forming or forging techniques and correct finishing.

This Unit has been aligned to specific elements of the National Occupational Standards for Jewellery Manufacture, Silversmithing and Allied Trades, also the National Occupational Standards for Craft, both created by Creative and Cultural Skills in collaboration with industry representatives and support candidates in progression towards the following potential job roles:

- ◆ Self-employed jeweller/designer working directly for clients
- ◆ Employed jeweller/designer working within in the retail sector
- ◆ Freelance jewellery designer providing services to the retail sector
- ◆ Bench jeweller based in a manufacturing environment
- ◆ Bench jeweller based in a repairing/servicing environment
- ◆ Specialist jeweller in areas such as CAD, casting, setting, etc

Guidance on learning and teaching approaches for this Unit

The candidates should be given a brief at the start of the Unit followed by a discussion on the techniques that will be explored during this Unit. Exemplars could be shown such as a brief for a small item of silversmithing as a round lidded box or a forged spoon.

Source material suitable for generating design ideas should be discussed. Tutors can demonstrate approaches to the production of design ideas when working from source material.

Candidates should be made aware of the materials, tools, procedures and working methods involved in the production of a piece of silversmithing.

Tutors can demonstrate the use of metal forming and forging techniques as this would support candidates' understanding of the Unit requirements.

Candidates will be expected to work through the design process, developing ideas, skills and knowledge gained from practical exercises. The skills and knowledge gained should be applied to the production of a finished piece of silversmithing.

Candidates should also be encouraged to investigate and discuss the working methods and approaches of relevant professional practitioners and designers.

Candidates should work individually with guidance from tutors.

National Unit specification: support notes (cont)

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Guidance on approaches to assessment for this Unit

A suitable instrument for assessment for this Unit would be a brief for practical exercise(s).

Candidates should be aware of all assessment requirements and arrangements.

Continuous assessment in the form of candidate/teacher/lecturer/tutor reviews may be used to assist candidates in the progression of their work.

Although assessment may be ongoing Tutors should assist candidates to prepare for the final assessment by advising and guiding them in the selection of the final design idea for production.

The folio should be assessed to ensure that candidates have demonstrated an individual and confident approach to the work and has applied all the necessary knowledge and required skills

Opportunities for the use of e-assessment

E-assessment may be appropriate for some assessments in this Unit. By e-assessment we mean assessment which is supported by Information and Communication Technology (ICT), such as e-testing or the use of e-portfolios or e-checklists. Centres which wish to use e-assessment must ensure that the national standard is applied to all candidate evidence and that conditions of assessment as specified in the Evidence Requirements are met, regardless of the mode of gathering evidence. Further advice is available in *SQA Guidelines on Online Assessment for Further Education (AA1641, March 2003)*, *SQA Guidelines on e-assessment for Schools (BD2625, June 2005)*.

Opportunities for developing Core Skills

In this Unit candidates will develop aspects of Core Skills at SCQF level 6 through activities designed to develop the candidates understanding and practice of silversmithing

Development of Core Skills elements will take place through learning and teaching activities as well as through practical activities which candidates will be involved in planning and delivering and reflection of such activities.

- ◆ *Information and Communication Technology (ICT)* — could be developed through researching silversmithing techniques and tools using the internet, various websites and electronic sources.
- ◆ *Communication* — candidates will be expected to take technical notes detailing materials techniques and equipment.
- ◆ *Numeracy* — candidates will develop this through using measurements.
- ◆ *Problem Solving* — candidates will interpret the brief and tasks required of them.
- ◆ *Working with Others* — candidates will share resources. They could use brainstorming; work together as a group and in pairs.

National Unit specification: support notes (cont)

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This Unit has the Critical Thinking component of Problem Solving embedded in it. This means that when candidates achieve the Unit, their Core Skills profile will also be updated to show they have achieved Critical Thinking at SCQF level 4.

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

History of changes to Unit

Version	Description of change	Date
02	Core Skills Component Critical Thinking at SCQF level 4 embedded.	10/10/2012

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