

Higher National Unit Specification

General information for centres

Unit title: Furniture: Project

Unit code: F0XL 35

Unit purpose: This Unit is designed to enable candidates to manage the manufacture or restoration of an item of furniture. It will give candidates the knowledge and skills necessary to manage a production project with the use of a specification.

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

- 1 Produce a furniture specification to meet a given brief.
- 2 Make or restore an item of furniture to an agreed specification.
- 3 Evaluate the implementation of a furniture specification against predetermined tolerances.

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. It is recommended that candidates have achieved HN Units covering furniture: specification and workshop practice, or have similar qualifications or experience.

Core Skills: There are opportunities to develop the Core Skills of Communication, Information Technology and Problem Solving at SCQF level 6 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: A holistic approach to assessment is recommended for this Unit. This should take the form of a work file which shows analysis, development and implementation of a production specification and evaluation of processes specified and used.

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 furniture specification to meet a given brief

Knowledge and/or skills

- ◆ Interpretation of brief
- ◆ Production plan
- ◆ Schedule of work
- ◆ Materials requisition and costing

Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can, with reference to a given brief, produce a furniture production specification detailing all elements. The specification must include:

- ◆ a detailed production plan
- ◆ a schedule of work
- ◆ accurate materials requisition
- ◆ costing which is accurate, takes account of wastage and has been devised as a result of research undertaken

Assessment guidelines

This Outcome could be assessed by candidates responding to a brief which requires them to produce or restore an item of furniture. This brief could take the form of a set of drawings or a restoration brief. The candidates could research materials required and work out the costs involved. They should provide a schedule of work and a production plan for the item.

Higher National Unit specification: statement of standards (cont)

Unit title: Furniture: Project

Outcome 2

Make or restore an item of furniture to an agreed specification

Knowledge and/or skills

- ◆ Production planning
- ◆ Techniques of working to a schedule
- ◆ Management of a production specification
- ◆ Time and resource management
- ◆ Safe working practices

Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can, with reference to a production specification, manufacture or restore an item of furniture. Candidates should maintain a workshop log, throughout the production process, recording details of:

- ◆ planning work in a way which makes best use of resources and time
- ◆ production and assembly of component parts as specified
- ◆ maintenance of a production specification
- ◆ keeping to a schedule of work
- ◆ amending a schedule as required
- ◆ minimum wastage
- ◆ following safe working practices

Assessment guidelines

This assessment could be linked with Outcome 3. The artefacts created may be assessed against a specification, this could be assessed continuously throughout production, and finally with the use of a maintained workshop log.

Higher National Unit specification: statement of standards (cont)

Unit title: Furniture: Project

Outcome 3

Evaluate the implementation of a furniture specification against predetermined tolerances

Knowledge and/or skills

- ◆ Evaluation techniques
- ◆ Production sequences
- ◆ Material use and estimated costing
- ◆ Specified tolerances

Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by evaluating the effectiveness of the specification. The evaluation will include:

- ◆ the production sequence
- ◆ accurate summary of materials used
- ◆ accuracy summary of estimated costings
- ◆ manufactured/restored item meets specified tolerances

Assessment guidelines

This assessment could be linked with Outcome 2. The artefacts created could be assessed against a specification, this could be assessed continuously throughout production, and finally with the use of a maintained workshop log.

The final evaluation could be presented in a written/visual or oral format. A written report (minimum 500–800 words) should reference work generated in the workshop log. An oral/visual presentation should be approximately 10 minutes. Presentations should be aided by analytical and evaluative evidence generated throughout the Unit.

Administrative Information

Unit code: F0XL 35

Unit title: Furniture: Project

Superclass category: WK

Original date of publication: November 2006

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History of Changes:

Version	Description of change	Date

Source: SQA

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Higher National Unit specification: support notes

Unit title: Furniture: Project

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 is a mandatory Unit in the HND Furniture Group Award and an optional Unit in the HNC.

This Unit is intended to give candidates the ability to manage project work. It is recommended that candidates have achieved the HN Units in Furniture: Specification and Furniture Workshop Practice prior to undertaking this Unit. It is also recommended that the HN Unit, Furniture: Workshop Project has been delivered prior to this Unit. Therefore, this Unit should be delivered in the latter stages of the Group Award HNC/D Furniture

In this Unit candidates should be encouraged to work independently and to draw upon previous knowledge gained through the above Units..

Outcome 1

The development of a production specification should be based on a set of orthographic drawings or assessment of a restoration project. The drawings/instruction may be presented in the form of existing furniture drawings or may be developed by the candidate through research based activity or as the Outcome of design activity, at the centre's discretion.

Outcome 2

Candidates should be able to produce/restore an artefact in line with a pre-defined specification. Tolerances should be defined and agreed with the assessor as an integral part of the furniture specification produced in Outcome 1. Candidates should be encouraged to record details of the production process and amendments in a workshop log.

Outcome 3

Candidates will be expected to follow and maintain a furniture specification throughout the manufacture or restoration of an item of furniture, and using the records generated in Outcome 2, evaluate the effectiveness of this specification on completion.

Higher National Unit specification: support notes (cont)

Unit title: Furniture: Project

Guidance on the delivery and assessment of this Unit

This Unit may stand alone or be integrated with another appropriate Unit, such as Furniture Analysis or 3D Design Project.

Outcome 1

Candidates should be encouraged to explore a range of production approaches to meet the given instruction/brief. The proposed production methods should be carefully considered. Candidates are encouraged to develop a structured document appropriate to the project.

Outcome 2

The maintenance of a workshop log throughout the manufacture or restoration of an item of furniture should be encouraged, enabling the candidate to evaluate and amend a production specification as required.

Outcome 3

Candidates should be encouraged to review their own progress throughout the production process. There should be opportunities for candidates to reflect on the effectiveness of specified processes. This may take the form of informal/formal discussions.

Opportunities for developing Core Skills

Communication skills are not formally assessed, although candidates should be expected to produce and present written and oral reports to a professional standard, accurately and coherently, to use a formal structure and recognised format. The availability of suitable software packages to support accuracy and professional presentation could also assist the development of skills in the use of IT.

All elements of the Core Skill of Problem Solving, namely Planning and Organising, Critical Thinking, and Reviewing and Evaluating could be developed and enhanced as candidates undertake the Unit. Candidates need to analyse and seek solutions to a range of theoretical and practical problems and issues. Formative work in which they identify and consider the variables in situations, including all available resources, and analyse the significance of each before exploring their responses to a given instruction. Identifying and applying an appropriate strategic approach will provide opportunities to develop problem solving skills to an advanced level. Evaluation which examines all stages of proposed production processes and their actual impact will be on-going and formally assessed in Outcome 3.

Higher National Unit specification: support notes (cont)

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Open learning

This Unit is not suitable for distance learning as a large proportion of the content is practical work and could involve the use of electrical power tools. This has health and safety implications which cannot be monitored from a distance.

For further information and advice, please refer to the SQA guide *Assessment and Quality Assurance for Open and Distance Learning* **www.sqa.org.uk**.

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. For information on these, please refer to the SQA document *Guidance on Alternative 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

Unit title: Furniture: Project

In this Unit you will manage a furniture project for production. You will prepare a production specification from a given brief. The brief may take the form of a set of drawings, which you have developed in a previous Unit, or a survey of a restoration project.

You will be required to produce all aspects of a production specification from a given brief. This will include a production plan and schedule of work which proposes the most appropriate production methods for your project. You will also be required to source and estimate costings for materials, and include margins for wastage.

You will follow and maintain this production specification throughout the manufacture or restoration of your chosen item of furniture. The production process for the project should be recorded in a workshop log and amended, as required.

In Outcome 3 you are required to evaluate the effectiveness of your production specification. This may be a written/visual or oral presentation.

On completion of this Unit you will have developed your understanding of managing a furniture making or restoration project. By exploring various methods of production it will further develop your ability to make critical judgements.