



National Unit specification: general information

Unit title: Furniture Veneering: An Introduction

Unit code: H3MH 11

Superclass: JP

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Summary

The purpose of this Unit is to enable candidates to develop the knowledge and skill related to safely carry out simple matching and jointing of veneers.

This Unit is suitable for candidates in full or part time study, school leavers and adult returners who are interested in studying the subject of furniture making.

Outcomes

- 1 Describe the types of veneers and adhesives used in furniture making.
- 2 Produce a range of matching and jointing techniques to a given brief.
- 3 Produce a range of laying techniques to a given brief.

Recommended entry

Entry is at the discretion of the centre.

Credit points and level

1 National Unit credit at SCQF level 5: (6 SCQF credit points at SCQF level 5*)

**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)

Unit title: Furniture Veneering: An Introduction

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

Unit title: Furniture Veneering: An Introduction

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

Describe the types of veneers and adhesives used in furniture making.

Performance Criteria

- (a) Identify the types of veneers and adhesives used for specific applications.
- (b) Describe the veneers used for a range of applications.
- (c) Describe the adhesives used for a range of applications.

Outcome 2

Produce a range of matching and jointing techniques to a given brief.

Performance Criteria

- (a) Select appropriate matching and jointing techniques for a specific application.
- (b) Apply a range of materials and processes for edge jointing.
- (c) Comply with all relevant health and safety requirements.

Outcome 3

Produce a range of laying techniques to a given brief.

Performance Criteria

- (a) Select appropriate laying techniques for a specific application.
- (b) Apply a range of veneers for laying techniques.
- (c) Apply a range of adhesives for laying techniques.
- (d) Comply with all relevant health and safety requirements.

National Unit specification: statement of standards (cont)

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Evidence Requirements for this Unit

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

Performance evidence as well as written and /or recorded oral evidence is required which demonstrates that the candidate has achieved all Outcomes to the standards specified in the Outcome and Performance Criteria.

This evidence should be produced under supervised, controlled conditions at appropriate points throughout the Unit either on an Outcome basis or as integrated assessment.

The required evidence is as follows:

Outcome 1: Written and or oral evidence

Evidence must be provided to show the candidates have an understanding of the typed of veneers and adhesives used in furniture making, by identifying and describing at least **three** from the following list:

Veneers:

- ◆ Crown
- ◆ Straight
- ◆ Burr
- ◆ Crotch
- ◆ Foil

Adhesives:

- ◆ Polyvinyl acetate
- ◆ Pearl glue
- ◆ Contact adhesives
- ◆ Urea formaldehyde
- ◆ Glue film

Outcome 2: Performance evidence

Evidence must be provided to show the candidates has the ability to produce a range of matching and jointing techniques:

- ◆ Apply at least **three** matching applications from the following:
- ◆ Random match.
- ◆ Book form
- ◆ Butt or end matched
- ◆ Quarter
- ◆ Diamond quarter

National Unit specification: statement of standards (cont)

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Apply at least **three** jointing applications from the following:

- ◆ Glued joints
- ◆ Glue stitching
- ◆ Veneer tape
- ◆ Masking tape

Outcomes 3: Performance evidence

Evidence must be provided to show the candidate has the ability to produce a range of laying techniques:

Apply at least **two** laying techniques from the following:

- ◆ Pressing veneers
- ◆ Hydraulic flat
- ◆ Vacuum bag press
- ◆ Hand laying

Apply at least **three** adhesives from the following:

- ◆ Polyvinyl acetate
- ◆ Glue film
- ◆ Pearl glue
- ◆ Contact adhesives
- ◆ Urea Formaldehyde

Candidate should be provided with at least two panels or substituted for boards but must reach the required surface area 400 x 400 mm.

National Unit specification: support notes

Unit title: Furniture Veneering: 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 40 hours.

Guidance on the content and context for this Unit

In this Unit, candidates will learn how to carry out basic Veneering tasks on a variety of surfaces and will demonstrate that they can produce these to an acceptable standard. They will gain knowledge of appropriate Veneering tools and equipment. Candidate completing the Unit will be able to work in an industrial workshop environment.

The Unit should be delivered in the context of a fully equipped industrial workshop therefore access to a real workplace environment is necessary.

Health and safety is an important aspect of this Unit. It is vital that the tutor ensure all learners have a sound knowledge of the current legislation and health and safety at work act, COSHH and RIDDOR. It is however the case that the tutor is responsible for ensuring that all regulations are adhered to. If this is done properly candidates will not suffer as a result of accident or injury.

This Unit is a mandatory Unit of the National Certificate in Furniture at SCQF level 5.

Guidance on learning and teaching approaches for this Unit

The Unit should be delivered in a candidate-centred way. For Outcome 1 written and /or oral evidence is required which demonstrates that the candidate has achieved to the standard specified in the Outcome and Performance Criteria. Outcome 2–3 could be achieved through practical demonstration by tutor and learners should be encouraged to explore the equipment on their own, ensuring all health and safety procedures are adhered to. Candidates will need to be given many opportunities to practise Outcome 2 and 3, as this is the most difficult part of the Unit. With practice, candidate will become familiar with the task and should have to difficulty in passing Outcomes.

It is advised that furniture books featuring veneering skills, are provided, *Veneering: A Complete Course by Ian Hosker* is an example.

National Unit specification: support notes (cont)

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Guidance on approaches to assessment for this Unit

Evidence for Outcome 1 could be generated by an identification exercise, where candidates are required to identify and describe a range of veneers and adhesives.

For Outcomes 2 and 3 evidence could be recorded on an observational checklist to show that the candidate has demonstrated the ability to produce the specified products by following the appropriate techniques and methods. In addition candidate should demonstrate performance evidence that they can safely working practice when working in workshop environment.

If this Unit is delivered as part of the National Certificate in Furniture at SCQF level 5, there may be opportunities to integrate the assessments of Outcomes 2 and 3 with other practical Units in the award.

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 social software. 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

There may be opportunities to develop the Core Skills of *Communication, Working with Others, Problem Solving and Numeracy*. Problem solving will be covered in Outcomes 2 and 3. Evidence of these Core Skills should be retained and accurate record of learner's achievements should be kept.

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.	22/04/2013

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