

## Higher National Unit Specification

### General information for centres

**Unit title:** Furniture: Surface Restoration

**Unit code:** F0XR 34

**Unit purpose:** This Unit is designed to enable candidates to identify and demonstrate furniture restoration techniques in relation to surface finishes.

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

- 1 Demonstrate and describe the correct application of a range of stains.
- 2 Demonstrate and describe the correct application of a range of finishes.
- 3 Demonstrate and describe the correct technique/s to correct a range of faults.
- 4 Manufacture and describe the use of revivers.

**Credit points and level:** 1 HN Credit at SCQF level 7: (8 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. It would be beneficial if candidates had knowledge and skills in furniture materials and finishing processes. This may be evidenced by possession of HN Units related to furniture materials and finishes, equivalent qualifications, or relevant work experience.

**Core Skills:** There are opportunities to develop the Core Skill of Problem Solving 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:** This Unit is assessed by practical activities. Candidates will be asked to prepare surfaces and apply a range of restoration techniques to artefacts or samples. The practical assessment will be supported by technical notes on materials and processes used.

## **Higher National Unit specification: statement of standards**

**Unit title:** Furniture: Surface Restoration

**Unit code:** FOXR 34

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**

Demonstrate and describe the correct application of a range of stains

#### **Knowledge and/or skills**

- ◆ Surface preparation techniques
- ◆ Staining techniques
- ◆ Materials and equipment
- ◆ Current working practices
- ◆ Health and safety requirements
- ◆ Ethics

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can, in relation to a given specification:

- ◆ prepare surfaces using correct techniques (cleaning, stabilising, neutralising)
- ◆ choose suitable materials and tools taking into consideration manufacturers' instructions and health and safety requirements
- ◆ apply a range of stains maintaining patina

Evidence should be recorded on an Observational Schedule.

Technical notes should support the practical demonstration and include:

- ◆ description of materials used
- ◆ specification of quantities required
- ◆ description of the process involved
- ◆ health and safety information concerning the use of materials and tools
- ◆ technical notes about application
- ◆ evaluation of techniques used

#### **Assessment guidelines**

This Outcome could be assessed by the candidate producing a series of samples and presenting a portfolio of samples and evidence of describing the application of stains and supplementary technical data.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Furniture: Surface Restoration

### **Outcome 2**

Demonstrate the correct application of a range of finishes

#### **Knowledge and/or skills**

- ◆ Current working practices
- ◆ Ethics
- ◆ Health and safety
- ◆ Manufacturers recommendations
- ◆ Finishing techniques:
  - oil
  - wax
  - French polish
  - varnish

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can, in reference to a given brief, apply a minimum of three finishes from the above list.

Each finish should be:

- ◆ coated evenly
- ◆ without blemish
- ◆ appropriate for requirements

The techniques applied should be marked against a checklist which should include observation of safe working practices.

Technical notes should support the practical demonstration and include:

- ◆ description of materials used
- ◆ specification of quantities required
- ◆ description of the process involved
- ◆ health and safety information concerning the use of materials and tools
- ◆ technical notes about application
- ◆ evaluation of techniques used

#### **Assessment guidelines**

This assessment could be linked with Outcomes 1, 3 and 4.

The candidate could use artefacts from other Units.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Furniture: Surface Restoration

### **Outcome 3**

Demonstrate the techniques to correct a range of faults

#### **Knowledge and/or skills**

- ◆ Surface preparation techniques
- ◆ Materials and equipment
- ◆ Faults: ring marks, bruises, scratches, chips, dents, bleaching
- ◆ Health and safety requirements
- ◆ Current working practices

#### **Evidence Requirements**

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

- ◆ identify three faults
- ◆ use appropriate techniques to correct three faults
- ◆ rectify three faults to an appropriate condition

Evidence should be recorded on an Observational Schedule which includes the candidate following health and safety requirements.

Technical notes should support the practical demonstration and include:

- ◆ description of materials used
- ◆ specification of quantities required
- ◆ description of the process involved
- ◆ health and safety information concerning the use of materials and tools
- ◆ technical notes about application
- ◆ evaluation of techniques used

#### **Assessment guidelines**

The candidate could complete the repair and restoration of surfaces clearly identifying the sequential approach taken on an agreed candidate checklist and indicating the regard given to hazard or risk associated with materials and processes.

## **Higher National Unit specification: statement of standards (cont)**

**Unit title:** Furniture: Surface Restoration

### **Outcome 4**

Manufacture and describe the use of revivers

#### **Knowledge and/or skills**

- ◆ Surface preparation techniques
- ◆ Materials and equipment
- ◆ Health and safety requirements

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by showing that they can manufacture and apply one reviving material to:

- ◆ an existing French Polished surface
- ◆ an existing waxed surface

Evidence should be recorded on an Observational Schedule.

Technical notes should support the practical demonstration and include:

- ◆ description of materials used
- ◆ specification of quantities required
- ◆ description of the process involved
- ◆ health and safety information concerning the use of materials and tools
- ◆ technical notes about application
- ◆ evaluation of techniques used

#### **Assessment guidelines**

The candidate could complete the application of reviving materials clearly identifying the sequential approach taken on an agreed candidate checklist and indicating the regard given to hazard or risk associated with old materials.

## Administrative Information

**Unit code:** F0XR 34  
**Unit title:** Furniture: Surface Restoration  
**Superclass category:** WK  
**Original date of publication:** November 2006  
**Version:** 01

### History of Changes:

Version	Description of change	Date
02	Correction of National Design Length	21/01/10

**Source:** SQA

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## **Higher National Unit specification: support notes**

### **Unit title:** Furniture: Surface Restoration

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**

This Unit is an optional Unit within the HND Furniture Group Award framework. It is a practical workshop and classroom based Unit. It is intended for those candidates wishing to study furniture restoration and is part of a series of restoration Units. It is envisaged that no restoration work is undertaken without the application of the ethics of restoration being considered.

#### **Outcome 1**

In teaching this Outcome the following areas would be demonstrated and candidates should be given the opportunity to practice and develop their skills in these areas: different ways of manually preparing surfaces, monitoring the effect of stains, being aware of the compatibility of stains, methods of applying stains, maintaining patina, health and safety and safe working practices.

#### **Outcome 2**

In teaching this Outcome the following areas would be demonstrated and candidates should be given the opportunity to practice and develop their skills in these areas: different ways of preparing surfaces for finishes both manually and mechanically, ensuring compatibility of finishes, methods of applying finishes — oil, wax, French polish and varnish, maintaining patina, health and safety and safe working practices.

#### **Outcome 3**

In teaching this Outcome the following areas would be demonstrated and candidates should be given the opportunity to practice and develop their skills to correct a range of faults such as ring marks, bruises, scratches, chips, dents, bleaching to varying surfaces such as French polish, wax, varnish, and lacquer. These correction techniques will require considerable time for candidates to build their skills.

#### **Outcome 4**

The revivers which should be covered in this Unit would usually include materials that clean and rebuild the surface whilst maintaining the patina that has been built up over a period of time. Candidates would be encouraged to develop their own formula for given surfaces

### **Guidance on the delivery and assessment of this Unit**

Each Outcome should be assessed by the candidate producing a portfolio of methods with reference to materials, processes and ethics of restoration. Practical work could be real or generated to allow a full and varied span of experience.

## **Higher National Unit specification: support notes (cont)**

**Unit title:** Furniture: Surface Restoration

### *Opportunities for developing Core Skills*

Problem solving will be covered in all Outcomes where candidates are asked to identify the factors involved in the scenario, assess the relevance of these factors and develop an approach to deal with the given factors. This fits in well with the requirements of Problem solving at SCQF level 5.

### **Open learning**

This Unit is not suitable for open learning as the Outcomes are workshop based with specific and general health and safety implications that would be difficult to monitor on an open learning basis.

For further information and advice, please refer to the SQA guide *Assessment and Quality Assurance for Open and Distance Learning* ([www.sqa.org.uk](http://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](http://www.sqa.org.uk).



## **General information for candidates**

### **Unit title:** Furniture: Surface Restoration

In this Unit you will learn about how to restore the surfaces of furniture. This will include learning about traditional and modern techniques as well as the use of revivers.

You will start by learning about the different kinds of stains, how to prepare the surfaces for use and how to apply the stains. You will look at the health and safety requirements and you will learn how to use specialist equipment and tools involved.

You will also learn how to apply finishes to surfaces. This will involve using oil, wax, French polish and varnish. When you use finishes of this type you have to learn how to correct any mistakes and this will mean that you have to be responsible for your own quality control by identifying any faults and correcting these faults. Another technique you will learn about is using revivers. This will mean you will learn about the process you have to go through to revive a French polished or a waxed surface which has become damaged.

You will keep technical notes on the materials and processes used as well as demonstrate practical activities in this Unit.

In addition because you will be working out of sequence of activities and evaluating your work as you go along you will also be developing the Core Skills of Problem Solving as you progress through this Unit.