

## Higher National Unit Specification

### General information for centres

**Unit title:** Furniture: Restoration and Conservation of Materials

**Unit code:** F0Y4 35

**Unit purpose:** This Unit is designed to enable candidates to develop an informed approach to restoration and conservation through experimentation. It will also enhance candidates' awareness of structural aspects of materials.

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

- 1 Evaluate and demonstrate methods of repairing and restoring materials.
- 2 Evaluate and demonstrate methods of conserving materials.

**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 would be beneficial if candidates had knowledge and skills in furniture materials and construction. This may be evidenced by possession of HN Units relating to furniture materials and construction, equivalent qualifications or relevant work experience.

**Core Skills:** There are opportunities to develop the Core Skill of 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:** Candidates will be assessed by practical application of selected restoration and conservation techniques. Candidates will also provide an evaluation of the techniques and their suitability for use in given applications.

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

**Unit title:** Furniture: Restoration and Conservation of Materials

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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**

Evaluate and demonstrate methods of repairing and restoring materials

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

- ◆ Materials
- ◆ Repair/restoration requirements
- ◆ Repair/restoration methods/techniques
- ◆ Application of methods/techniques
- ◆ Evaluation of methods/techniques
- ◆ Health and safety requirements

#### **Evidence Requirements**

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by evaluating and demonstrating methods of repairing and restoring a variety of materials. Candidates will carry out a repair/restoration task on each of the following materials:

- ◆ leather
- ◆ timber
- ◆ surface finish
- ◆ textile
- ◆ ironmongery

The actual repair/restoration needs to be completed to an agreed standard. The standard specified will depend on the level of repair or restoration required but should include aspects such as matching the original colour, texture or materials, minimising the join between repair and new materials. Health and safety requirements should be adhered to.

The evidence should be gathered in a portfolio. This will include the candidate's evaluation of the repair/restoration methods used and observational checklists detailing evidence of the practical demonstrations. The evaluation should include comment on materials found, condition of materials, any hazards and health and safety considerations, patina, ethics of restoration, comments of techniques used and a judgement on the success of these techniques.

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

**Unit title:** Furniture: Restoration and Conservation of Materials

### Assessment guidelines

The candidates could gather samples into a portfolio or sample box which could be added to during the course of their studies. Each item should be laid out and indexed in an easily accessible way to encourage the student to use it throughout their course.

## Outcome 2

Evaluate and demonstrate methods of conserving materials

### Knowledge and/or skills

- ◆ Types of materials
- ◆ Material properties
- ◆ Actions and reactions of dissimilar materials
- ◆ Tools and techniques
- ◆ Conservation needs
- ◆ Current museum practices
- ◆ Health and safety legislation
- ◆ Evaluation of techniques

### Evidence Requirements

Candidates will need to provide evidence to demonstrate their knowledge and/or skills by defining and evaluating the conservation processes required for **four** different materials — solid timber, veneer, textiles and surface coatings — and demonstrating the conservation techniques on **two** of these materials.

The conservation processes should include details of:

- ◆ health and safety requirements
- ◆ recommended tools and techniques
- ◆ actions and reactions of dissimilar materials
- ◆ time and acceptable practices

The practical demonstrations of the conservation methods should be to an acceptable standard and recorded on an observational checklist. Candidates should provide an evaluation of the methods employed. This evaluation should include comment on materials found, condition of materials, any hazards and health and safety considerations, patina, ethnics of conservation, comments of techniques used and a judgement of the success of these techniques.

### Assessment guidelines

This Outcome could be assessed in response to a given scenario based on a small conservation workshop. The demonstration of conservation methods needs to be completed to an agreed standard and recorded on a centre devised checklist.

## Administrative Information

**Unit code:** F0Y4 35

**Unit title:** Furniture: Restoration and Conservation of Materials

**Superclass category:** JP

**Original date of publication:** November 2006

**Version:** 01

### History of Changes:

Version	Description of change	Date

**Source:** SQA

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

### **Unit title:** Furniture: Restoration and Conservation of Materials

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 an optional Unit within the HNC/D Furniture Group Award framework.

The purpose of this Unit is to offer candidates an alternative approach to restoration and conservation through experimentation with practical aspects of their course-work. This Unit is intended to develop the candidate's awareness of structural aspects of materials through application.

#### **Outcome 1**

The candidate could be introduced to a variety of restoration techniques, tools and equipment for a chosen process and through practical application, encouraged to experiment with the materials supplied. Candidates could be directed to further research and investigate processes and to produce relevant information from which they can develop and form a personal line of enquiry.

#### **Outcome 2**

The candidate could be introduced to a variety of conservation techniques including:

- ◆ types of materials
- ◆ material properties,
- ◆ actions and reactions of dissimilar materials,
- ◆ conservation needs
- ◆ current museum practices
- ◆ Health and safety legislation
- ◆ specialist tools and equipment for chosen specialist processes
- ◆ and through practical application, encouraged to experiment with the materials supplied

Candidates could be directed to further research and investigation of processes and to produce relevant information from which they can develop and form a personal line of enquiry.

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

The assessment for this Unit could be produced holistically where the materials of two artefacts are considered for restoration or conservation and the comparison of treatments are fully discussed and evidenced. This Unit could also be assessed alongside a process-based Unit containing elements of timber restoration, upholstery restoration or surface restoration or other appropriate Unit.

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

### **Unit title:** Furniture: Restoration and Conservation of Materials

This Unit should be delivered by allowing candidates the opportunity to explore furniture restoration and conservation techniques. Reference material should be available on the technical aspects of processes selected by the centre. Technical information on materials and construction and appropriate tools and equipment should underpin practical exercises of techniques used in the response to a series of tasks. Candidates should be encouraged to explore selected processes further and to generate a research file.

Candidates should evaluate the restoration/conservation methods used.

#### ***Opportunities for developing Core Skills***

Problem solving will be covered to SCQF level 6 by Outcome 1 and 2 where candidates are asked to identify the factors involved in the repairing and restoring furniture materials, assess the relevance of these factors and develop an approach to deal with the given factors. To do this candidates will be required to research the materials and period of the item of furniture and apply their knowledge and skills to the specific project.

#### **Open learning**

This Unit is not suitable for delivery by distance learning because of the special materials and equipment used to complete the assessment. also the practice needed for the application of many of the processes needs to be under supervised conditions as it will be conducted in a controlled workshop situation.

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: Restoration and Conservation of Materials

This Unit has been designed to offer you alternative approaches to restoration and conservation through experimentation. You may be asked to investigate and compare the merits of conservation to restoration.

In this Unit you will develop skills in how to restore and conserve furniture materials.

In Outcome 1 techniques will be applied to leather, timber, textile, ironmongery and surface finish.

In Outcome 2 conservation methods will be applied to solid timber, veneer, textiles and surface coatings.

During your learning in this Unit you will be encouraged to explore techniques to achieve appropriate restorative or conservation applications and to evaluate and record that activity.

As always in the workshop environment, you will follow the health and safety requirements for the products you use and comply with the health and safety requirements of the workshop environment.