

## National Unit Specification: general information

**UNIT** Decorative Treatments (Intermediate 2)

**CODE** F1KA 11

### SUMMARY

This Unit is suitable for candidates who have little or no knowledge of the painting and decorating industry. The Unit will develop candidates in the craft skills of painting and decorating, with particular emphasis on preparation techniques. Candidates who complete this Unit will be introduced to the formation of bands and lines in paint; to the production of a basic representative brush grained effect; and to the enlargement and painting of a design using free brush work. The candidate will also have had experience of matching colour in paint, achieve knowledge of surface identification, preparation and application of paint and appropriate use of tools.

### OUTCOMES

- 1 Select tools and prepare materials.
- 2 Produce bands and lines in paint using appropriate tools.
- 3 Produce a representative brush grained effect.
- 4 Enlarge and paint a given design using free brushwork technique.

### RECOMMENDED ENTRY

Whilst entry is at the discretion of the centre, it would be beneficial for the candidate to have attained one of the following or equivalent:

- ◆ an aptitude for craft skills
- ◆ Skills for Work Construction Crafts
- ◆ Preparing and Painting Surfaces (Intermediate 1)

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#### Administrative Information

**Superclass:** TG

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## **National Unit Specification: general information (cont)**

### **UNIT** Decorative Treatments (Intermediate 2)

#### **CREDIT VALUE**

1 credit at Intermediate 2 level (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.*

#### **CORE SKILLS**

There are opportunities to develop the Core Skills of Problem Solving, Working with Others, Information Technology, Numeracy and Communication at SCQF level 4 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

## **National Unit Specification: statement of standards**

### **UNIT Decorative Treatments (Intermediate 2)**

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 the Scottish Qualifications Authority.

#### **OUTCOME 1**

Select Tools and Prepare Materials.

##### **Performance Criteria**

- (a) The selection of tools is correct and adequate for the work.
- (b) The selection and preparation of the groundcoat is correct.
- (c) The selection and preparation of graining colour, paints and stainers needed for the work is correct.
- (d) Work methods and activities conform to the requirements of current Health and Safety legislation.

#### **OUTCOME 2**

Produce bands and lines in paint using appropriate tools.

##### **Performance Criteria**

- (a) A series of horizontal lines and bands are produced using an appropriate lining fitch and straight edge or the masking tape method.
- (b) Tools are cleaned and maintained correctly.
- (c) Work methods and activities conform to the requirements of current Health and Safety legislation.

#### **OUTCOME 3**

Produce a representative brush grained effect.

##### **Performance Criteria**

- (a) A Unit consisting of panel(s), mouldings, rails and stiles is painted in a suitable ground colour.
- (b) The Unit is brush grained in an appropriate colour, the various parts being finished in the correct sequence.
- (c) Tools are cleaned and maintained correctly.
- (d) Work methods and activities conform to the requirements of current Health and Safety legislation.

## **National Unit Specification: statement of standards (cont)**

### **UNIT Decorative Treatments (Intermediate 2)**

#### **OUTCOME 4**

Enlarge and paint a given design using a free brushwork technique.

#### **Performance Criteria**

- (a) A flat panel or area of suitable size is painted in a ground colour.
- (b) A given design is enlarged and transferred on to the surface.
- (c) The design is painted in an appropriate colour or colours using free brushwork techniques.
- (d) Tools are cleaned and maintained correctly.
- (e) Work methods and activities conform to the requirements of current Health and Safety legislation.

#### **EVIDENCE REQUIREMENTS FOR THIS UNIT**

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

Written and/or oral evidence is required which demonstrates that the candidate has achieved the knowledge part of Outcome 1 to the standards specified in the Outcome and Performance Criteria. The evidence for this should be obtained through evidence that the candidate can recognise and select the appropriate tools needed for the range of work

Performance evidence supplemented with an assessor observation checklist/record should be used to show that the candidate has achieved the practical requirements of Outcomes 1, 2, 3, 4 and 5 to the standard specified in the Outcomes and Performance Criteria. Each candidate will be observed to show that they can achieve the following throughout the delivery of the Unit:

- ◆ select suitable groundcoats for the range of work
- ◆ select the correct graining colour, paints and stainers
- ◆ form lines and bands of varying widths ranging from 5mm to 50mm a minimum of 1m in length, using a lining tool and straight edge or the masking tape method
- ◆ clean and maintain tools correctly
- ◆ paint a panelled unit in a ground colour for the production of a specified brush grained effect
- ◆ produce a representative brush grained effect on a panelled timber unit in an appropriate colour, the various parts being finished in the correct sequence
- ◆ paint a flat area with a paint of appropriate texture and colour for the exercise
- ◆ enlarge a given design and transfer it on to the surface
- ◆ paint the design in an appropriate colour or colours using a free brushwork technique
- ◆ conform to current health and safety legislation

Assessment of this Unit should be completed over a period of time and evidence should be gathered at appropriate intervals.

The Assessment Support Pack for this Unit provides sample assessment material. Centres wishing to develop their own assessments should refer to the Assessment Support Pack to ensure a comparable standard.

## **National Unit Specification: support notes**

### **UNIT Decorative Treatments (Intermediate 2)**

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 has been developed as an optional Unit in the National Progression Award in Construction and can also be delivered as a freestanding Unit.

Candidates should be able to recognise the range of tools, brushes and equipment needed to produce the range of work contained in the Unit. They should learn to differentiate between water borne and oil or solvent based materials and know the correct thinners to use with these materials.

Candidates should be able to use a lining fitch and straight edge to produce bands and lines in paint to an acceptable standard. They should be able to produce a band requiring the painting of both edges and infilling the centre. The width of the lines at 50mm and 5mm are not mandatory so long as one band is done by painting the top and the bottom edge then infilling the centre.

On a timber unit consisting of a panel or panels, moulding, rail and stiles — muntins can also be included — candidates should be able to produce, to a recommended standard, a neat cleanly finished, brush grained effect which shows by the brushwork the joints of the unit. This should be achieved using a timber panel of an appropriate size that allows the candidate to demonstrate the skills required.

Candidates should be aware of the need to achieve a suitable relationship of colour and value between the ground colour and graining colour.

Candidates should be able to enlarge a given design to a given size using a method such as the square grid. They should be able to transfer the design into position on a painted surface and paint it to a recommended standard using appropriate brushes, equipment and techniques.

Health and Safety and Sustainability are integral and key to the Construction Industry therefore throughout the Unit emphasis will be placed where appropriate on the application of Health and Safety and Sustainability. Safety working practices should be looked at in accordance with current safety codes of practice and regulations. Sustainability should include reference to criteria affecting sustainability, impact of not implementing sustainability on the environment and the legislation promoting sustainability

## **National Unit Specification: support notes (cont)**

### **UNIT Decorative Treatments (Intermediate 2)**

#### **GUIDANCE ON LEARNING AND TEACHING APPROACHES FOR THIS UNIT**

The teaching approach for this Unit will essentially be workshop based and would be desirable to offer the candidates practical demonstrations and simulated working systems. The candidate should be encouraged to become familiar with, and use, accepted terminology within the Painting and Decorating industry. All centres are requested to provide clear and unambiguous drawings and notes and to refrain from incorporating complex painting terminology or technical approaches. This approach will provide the candidate with the knowledge and confidence required to progress with his/her chosen training and development.

This Unit is part of a program, which is designed to encourage candidates of various backgrounds into the painting industry, the teaching content and method of delivery, should therefore both reflect and encourage that principle.

#### **OPPORTUNITIES FOR CORE SKILL DEVELOPMENT**

The elements of the Core Skill of Problem Solving, such as planning and organising and critical thinking will be developed and enhanced as candidates undertake this Unit. Candidates will need to take account of a range of factors in order to work efficiently and safely, such as the choice of appropriate tools and safe methods of mixing and applying paint. Complying at all times with health and safety requirements will enable candidates to develop co-operative working skills, as they must be aware of the safety of others as well as themselves. Individual discussions with assessors will enhance the evaluation of efficient working practices.

There are opportunities to research information about Health and Safety legislation enabling candidates to develop the Core Skill of Information Technology.

Numeracy skills will be naturally enhanced through the interpretation of information from a square grid required when enlarging a design for the teaching and learning assessment for Outcome 4.

Although Communication skills are not formally assessed, candidates will have the opportunity to develop written and/or oral communication skills for the knowledge part of the teaching and learning assessment for Outcome 1. As candidates complete practical tasks, they should be expected to communicate with others using the correct terminology, tone and style suited to the workplace.

#### **GUIDANCE ON APPROACHES TO ASSESSMENT FOR THIS UNIT**

Centres may use the Instruments of Assessment which they consider to be most appropriate but are encouraged to use the Assessment Support Pack (ASP) developed centrally by SQA.

It is expected that candidates will be given as much practise as possible in painting techniques, prior to being set the assessment tasks.

Candidates should be made aware of what will be required of them in order to achieve credit for the Unit. They should be encouraged to discuss the work with the lecturer and with their colleagues. Help and encouragement should be given throughout the Unit so that the candidates become confident in their ability to achieve credit for the Unit.

## **National Unit Specification: support notes (cont)**

### **UNIT Decorative Treatments (Intermediate 2)**

The matching exercise which forms the assessment for Outcome 1 would be best left until candidates have some experience of seeing and using the various tools and materials in the other Outcomes.

When assessing the banding, brush graining and free brushwork exercises, the age and potential ability of the candidates should be considered when deciding what should constitute an acceptable standard.

It should be borne in mind that this is a 'National Award' and candidates should therefore be given encouragement for what they are achieving at the same time as being made aware of their potential for improvement.

It is expected that candidates will be given as much practice as possible in the techniques used in all Outcomes, prior to being set the assessment tasks.

#### **WORKSHOP BRIEFING — OUTCOME 1**

Candidates should be introduced to the range of tools available and needed to produce the work in this Unit.

Candidates should be made aware of:

- ◆ the differences between waterborne and oil based paints and should be taught to recognise them by reading the labels on manufacturers' containers
- ◆ the types of stainers available for colouring paints and of their suitability for colouring different types of paint
- ◆ the flammable nature of solvents and solvent based materials

#### **WORKSHOP BRIEFING — OUTCOME 2**

Candidates should learn by demonstration and practice:

- ◆ how to use the masking tape method or measure accurately and set out and strike lines as a guide for using a lining fitch and straight edge
- ◆ how to use the masking tape method or a lining fitch and straight edge
- ◆ how to use the masking tape method or a lining fitch and straight edge to produce narrow lines in paint

The demonstration should include the method of producing a line which requires the lining of top and bottom edges and then filling in the centre; and of producing a narrow line using the lining tool to produce both edges of the line in a single stroke.

The candidate should be made aware:

- ◆ that 'single stroke' line may require more than one pass of the lining tool
- ◆ of the need to use paint of a suitable viscosity when using a lining fitch
- ◆ of the correct method of holding a lining fitch and of the correct direction in which to work

## **National Unit Specification: support notes (cont)**

### **UNIT Decorative Treatments (Intermediate 2)**

Candidates should also be taught to keep tools, such as their straight edge clean at all times and to keep the surface adjacent to the lines they are painting clean.

#### **WORKSHOP BRIEFING — OUTCOME 3**

Candidates should be made aware of:

- ◆ the need to have a suitably textured and coloured ground colour and to have an appropriate relationship of colour and value between the ground colour and the graining colour
- ◆ translucent, low opacity pigments such as umbers and siennas and their consequent usefulness as graining colours
- ◆ the health hazards when using solvent based materials and should be taught to wear suitable fine gloves and/or make use of barrier cream

The need to finish the various elements of the panelled unit in the correct sequence should be emphasised, as should the need to finish the work showing the joints of the unit cleanly and accurately.

It should be pointed out to candidates that the exercise requires the production of a representative 'brush grained effect'.

A simulated moulded panel using card or paper is acceptable.

#### **WORKSHOP BRIEFING — OUTCOME 4**

Candidates should be provided with a suitable simple design and taught by demonstration how to enlarge the design accurately to a given size. They should be taught, again by demonstration, how to set out and transfer the design accurately on a painted surface.

The use of sign writing brushes in combination with a thumb pot and/or palette board and dipper should be demonstrated and candidates should be encouraged to work standing up and using a mahl stick.

Candidates should be taught how to clean, maintain, and store sign writing brushes and should use synthetic filaments, and be made aware of the high cost of sable haired brushes.

The ASP includes a bank of questions which may be used to form the assessment of Outcome 1 and assessor observation checklist/records for Outcomes 1, 2, 3 and 4.

### **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. Further advice can be found in the SQA document *Guidance on Assessment Arrangements for Candidates with Disabilities and/or Additional Support Needs* ([www.sqa.org.uk](http://www.sqa.org.uk)).