



## National Unit specification: general information

**Unit title:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

**Unit code:** FV54 11

**Superclass:** KH

**Publication date:** October 2011

**Source:** Scottish Qualifications Authority

**Version:** 02

## Summary

This Unit is designed to enable candidates to work co-operatively on a group activity using the floating screen a technique different from the traditional machine operation for print reproduction. This will provide the candidate with the skill and knowledge for producing multiple printed designs on one large flat surface. This screen printing technique is used for exhibition or decorative surface reproduction.

This is a mandatory Unit within the National Certificate in Screen Printing at SCQF level 5. It can also be taken as a free standing Unit. It is suitable for school leavers and adult learners who are undertaking a screen printing course or who are already working in the industry.

## Outcomes

- 1 Design a project that is suitable for group production using large format flat surface printing.
- 2 Work co-operatively as a member of a group to develop a large format design suitable for stencil making and printing.
- 3 Produce an individual print with the aid of group members using the floating screen technique.

## Recommended entry

While entry is at the discretion of the centre, candidates would normally be expected to have attained one of the following, or equivalent:

- ◆ *Screen Printing: An Introduction to the Process* (SCQF level 5)

## General information (cont)

**Unit title:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

### 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.*

### Core Skills

Achievement of this Unit gives automatic certification of the following Core Skills component:

- ◆ Working Co-operatively with Others at SCQF level 5
- ◆ Critical Thinking at SCQF level 5

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:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

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**

Design a project that is suitable for group production using large format flat surface printing.

#### **Performance Criteria**

- (a) Identify by means of group agreement the main requirements of a project which accurately satisfies a supplied brief.
- (b) Produce a simple group project production plan with accurately defined realistic tasks for each group member.

### **Outcome 2**

Work co-operatively as a member of a group to develop a large format design suitable for stencil making and printing.

#### **Performance Criteria**

- (a) Source suitable design concepts to meet the requirements of the project.
- (b) Produce an agreed large format project design that meets the requirements of the group project.
- (c) Construct individual design.
- (d) Produce accurate, colour separations that meet the requirements of the group project.
- (e) Prepare and produce individual stencils.

### **Outcome 3**

Produce an individual print with the aid of group members using the floating screen technique.

#### **Performance Criteria**

- (a) Choose materials and equipment correctly in preparation for printing with floating screen.
- (b) Prepare screens correctly for set up and printing.
- (c) Produce with the aid of group members an individual print which meets the requirements of the project brief.

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

**Unit title:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

### **Evidence Requirements for this Unit**

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

All activities must be carried out in compliance with current health and safety legislation.

The candidate must be fully instructed in the safe use of all equipment and machinery and any risks associated with handling printing materials.

The evidence required should be produced under supervised conditions to the group's plan and specified project design. The plan will be agreed by formal discussion with the group and lecturer/teacher; however satisfactory performance must be evidenced, for each candidate, to show that they have contributed to planning, developing and producing the project.

The evidence will be gathered holistically throughout the Unit, for each candidate, to demonstrate that the individual has worked co-operatively with their peers in completing a group project.

Under open-book conditions candidates will be supplied with a brief and have access to handouts, their notes, books and computer research. The assessor must be satisfied however that evidence submitted is the work of the individual candidate.

### **Outcomes 1—3**

#### **Written and/oral recorded evidence, performance/product evidence**

Each candidate must have the group's agreement and individual evidence will include:

- ◆ identification of the main requirements of the project that accurately satisfies a supplied brief
- ◆ a minimum of four collated design concepts that meet the requirements of the project brief
- ◆ a concise design that meets the requirements of the group's project
- ◆ the design origination which will include all the colours in the project
- ◆ the number and specification of the colours to be printed, a maximum of two are required
- ◆ the film colour separations and evidence of the production of quality stencils for printing that meets the requirements of the group project
- ◆ a description of the type of material that is to be printed
- ◆ the number of prints that each candidate will produce. This should be a minimum of: one print
- ◆ effective preparation for floating screen printing and selection of appropriate ink for colour and substrate
- ◆ with the aid of group members, the production of one finished print that meet the requirements of the candidate's design brief

## National Unit specification: support notes

**Unit title:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

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 a mandatory Unit within the National Certificate in Screen Printing at SCQF level 5. It can also be taken as a freestanding Unit. In this Unit the candidates are required to work on a group activity by producing a large format screen print using a non-traditional screen printing technique, called the floating screen. This Unit is designed to expand the candidates understanding of not only working as an individual but also as a team in a combined effort to produce a finished group project. The candidate would achieve this by sourcing information and initiating ideas for team discussion that would lead to a common group project, by cooperation and collaboration with the group to provide a common design, production schedule and implementing individual personal tasks during all the aspects of development of the group project.

Candidates will develop the knowledge and skills in this technique and it will provide an opportunity for candidates to participate in an area of specialist study away from the traditional methods of screen printing. They will also have the opportunity to interact with their peers in developing a common finished project.

Candidates should be given the opportunity to work not only as an individual with specific tasks but also, working with others within a team environment to develop and produce a final solution with skill and precision. During the print run candidates must comply with health and safety in the workplace, review their printed work for accuracy, work with their peers and rectify any common faults that may occur to achieve quality print presentation according to the given group project brief.

This Unit is delivered as part of the NC in Screen Printing at SCQF level 5, however it could also be integrated with other areas such as, exhibition, sign works, painting and decorating, art and design television set construction etc.

This Unit aligns to the following National Occupational Standards from Proskills:

- ◆ Comply with Health and Safety in the Workplace (021)
- ◆ Improve your performance at work (022)
- ◆ Ensure your own actions reduce risks to Health and Safety in the Workplace (031)
- ◆ Improve individual and organisational performance (032)
- ◆ Contribute to maintaining equipment in working order (003)
- ◆ Prepare equipment and machines for screen printing (239)

## National Unit specification: support notes (cont)

**Unit title:** Screen Printing: An Introduction to the Floating Screen Technique (SCQF Level 5)

### Guidance on learning and teaching approaches for this Unit

This Unit should be delivered using a written accurately structured class group brief. The given brief should direct the candidate through working as a team, incorporate individual progression, planning, collect research, and produce a finished design for a clearly defined group floating screen project.

The brief should provide sufficient detail and content to assist the candidate in planning and implementing the project while allowing the development of the individual's personal response that will integrate into a group project. Through team cooperation and discussion candidates could present their ideas and designs to the lecturer/teacher as part of a peer group session thus allowing for the collective sharing of knowledge. The brief should also provide the candidate with an accurate summary of the evidence that they require to produce for assessment purposes.

This could be achieved by a holistic approach to the learning and teaching process by the candidate and teacher/lecturer preparing time schedules or stages of development for assessment feedback. This Unit would benefit from being delivered by the experiential learning process thus giving the candidate the power to develop their skills not only in production but also with personal structure, growth and working within a team environment.

### Guidance on approaches to assessment for this Unit

This Unit is designed for candidates to work in collaboration with their team members to produce a final large format solution that complies with the floating screen technique. Working with others is essential to complete this task.

### 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 are also further opportunities to develop aspects of the following Core Skills:

*ICT* at SCQF level 5

Accessing Information

*Problem Solving* at SCQF level 5

Critical Thinking  
Planning and Organising  
Reviewing and Evaluating

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

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### **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](http://www.sqa.org.uk/assessmentarrangements)

## History of changes to Unit

Version	Description of change	Date
02	Core Skills Components Working Co-operatively with Others and Critical Thinking at SCQF level 5 embedded.	12/10/2011

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