



National Unit specification: general information

Unit title: Screen Printing: Multiple Colour Design Printed on Fabric (SCQF Level 5)

Unit code: FV53 11

Superclass: KH

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Summary

The purpose of the Unit is to provide candidates with the knowledge, understanding and skills to develop and produce a screen print of multiple colours on fabric. This Unit enables the candidate to develop an individual creative response by producing a creative design of multiple colours on fabric. Candidates will, through research of a variety of informative resources, select one suitable for their final project.

This Unit is a mandatory Unit within the National Certificate in Screen Printing but can also be taken as a free-standing Unit. This Unit is suitable for candidates who have an interest in art and design for decorative printing and textile application. It is suitable for school leavers and adult learners who are undertaking a screen printing course or who are already working in the industry.

This Unit is mainly practical based with some elements of theory and will be delivered in a workshop environment.

Outcomes

- 1 Plan and develop a creative design suitable for fabric printing.
- 2 Produce origination, film separations and stencils suitable for fabric printing.
- 3 Produce quality prints on fabric.

Recommended entry

Entry is at the discretion of the centre however it would be useful for Candidates to have *Screen Printing: An Introduction to the Process* as this will help the candidate in their preparation and understanding of the screen printing process.

General information (cont)

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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:

- ◆ Critical Thinking at SCQF level 5
- ◆ Planning and Organising 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

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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

Plan and develop a creative design suitable for fabric printing.

Performance Criteria

- (a) Describe the qualities required for suitable images for textile or fabric screen printing.
- (b) Source and select images suitable for textile or fabric screen printing according to a given brief.
- (c) Develop a creative design suitable for fabric printing according to a given brief.

Outcome 2

Produce origination, film separations and stencils suitable for fabric printing.

Performance Criteria

- (a) Create design origination suitable for fabric printing that meets the requirements of a given brief.
- (b) Assemble the film colour separations accurately and cleanly.
- (c) Prepare stencils that accurately produce the film image.

Outcome 3

Produce quality prints on fabric.

Performance Criteria

- (a) Print multiple colours accurately on a fabric substrate according to a given brief.
- (b) Produce end product that meets the requirements of a given brief.
- (c) Use machinery, materials and equipment safely and effectively at all times.

National Unit specification: statement of standards (cont)

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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 accordance with current Health and Safety legislation, with particular reference to the safe use of machinery, equipment and materials used in the printing industry.

The candidate will be supplied with a brief and produce an individual holistic body of work, in sequence throughout the Unit, which meets the requirements of the brief.

Product evidence and written and/or oral recorded evidence is required that demonstrates that the candidate has achieved all Outcomes and Performance Criteria. The candidate will produce a holistic folio of work that includes:

Outcome 1— Written and/or oral and product evidence

A description of the qualities required for images to be suitable for textile or fabric screen printing, including:

- ◆ type of ink
- ◆ type of material
- ◆ type of image
- ◆ type of registration
- ◆ the number of colours to be printed

Research evidence which includes:

- ◆ the selection of three different images to assist the design
- ◆ a design plan that would be suitable to aid the candidate with their desired project

Outcome 2 — Product and performance evidence which includes:

- ◆ a design origination suitable for fabric printing, according to a given brief
- ◆ assembly of accurate and clean film colour separations suitable for fabric printing
- ◆ preparation of stencils, depending on the design, which accurately produce the film image suitable for fabric printing

Outcome 3 — Product and performance evidence which includes:

- ◆ a minimum of at least three colours printed on a fabric substrate according to a given brief
- ◆ quality end products which meet all the requirements of the given brief
- ◆ the safe and effective use of machinery, materials and equipment at all times

National Unit specification: support notes

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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 (SCQF level 5), but can also be taken as a freestanding Unit.

If this Unit is being delivered as part of a programme of screen printing based Units, then it is recommended that centres consider an integrated delivery approach with other Units in the award.

This Unit is a knowledge and practical based Unit and aligns to these 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)
- ◆ Operate screen printing machines (204)
- ◆ Control screen printing machines (231)

This Unit will help the candidate gain knowledge and skills in the processes and techniques used in screen printing on fabric. The Unit will help the candidate to develop his/her creative design concepts, structured production time with planning and the use of materials and techniques in the production of a creatively developed printed work. The candidate will be involved with investigative research into a variety of textile/fabric printing techniques, producing research that has clear development potential which meets the identified requirements of the given brief.

The emphasis should be on acquiring knowledge and understanding of image types, film colour separations and stencil making suitable for screen printing on finished textiles or fabric that can progress to a finished solution. The teacher/lecturer should encourage group discussion and review a range of creative designs and images used for this technique to allow the candidate to make an informed design selection in response to the given brief.

Each candidate will be given the opportunity to develop and produce a final fabric solution with skill and precision, accurate colour registration in accordance to project origination.

National Unit specification: support notes (cont)

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Guidance on learning and teaching approaches for this Unit

This Unit will be delivered using a structured brief. This brief should direct the candidate to collect, identify and produce investigative research that will be used to create a design and specification for a screen print on fabric.

The candidates should be provided with an outline of the requirements for the project summary and advised that it will help with implementation of the project, while allowing for the development of their individual response.

The requirements of the project brief should allow for planning, development and production of a project, which supports the creative development and understanding of the techniques used in the textile/fabric screen printing process.

Candidates could present their investigative research to the teacher/lecturer or as part of a peer group session this will allow collective sharing of knowledge.

The candidate should also work independently exploring printed images and designs on fabrics, materials used and techniques after class demonstrations and discussions on possible developmental approaches. Individual should complement the teacher/lecturer exposition of fabric or textile developmental skills and/or group research into the printing practices on fabrics and textiles.

Candidates are encouraged to evaluate their finished solution to reinforce the focus and quality of their reflective practice.

Guidance on approaches to assessment for this Unit

Outcome 1 — Written/oral recorded

The candidate must describe the qualities required for images to be suitable for printing which could be a set of restricted response questions.

The assessment would also be practical in that the candidate will source and acquire information and create a project plan in compliance to a given brief. The folio of information should also include various design ideas for different type of textiles or garments.

Outcomes 2–3 — Performance/Product Evidence

Assessing the candidate's performance and practical abilities during the progression of this Unit, the candidates will have the opportunity to create a design origination suitable for fabric printing, the assembly of film colour separations, and to prepare and produce stencils, make ready preparation and produce a finished product that meets the requirements of the candidate's design brief.

National Unit specification: support notes (cont)

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The evaluation of the completed project can be assessed with the aid of an observation checklist that would have the defined details of the brief, information covering Outcomes and Performance Criteria for 2 and 3.

Candidate's performance could be evaluated periodically by teacher/lecturer or peers and then incorporated within the observation checklist.

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

In this Unit candidates will develop their skills and techniques in screen printing multiple coloured design on textiles. Candidates will prepare artwork for a multiple colour project, identifying essential screen printing information with regards to materials, tools and equipment before preparing and implementation of a visual presentation.

Candidates while proceeding through this Unit and will have opportunities to develop aspects of the Core Skills:

- ◆ *Problem Solving* through participation in the creative process which demands critical thinking and planning for the development of ideas and concepts
- ◆ *Information and Communication Technology (ICT)* if they use the internet for research purposes, reports or relevant software packs
- ◆ *Working with Others* through the sharing of practical knowledge and peer interaction during this project

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 Components Critical Thinking and Planning and Organising at SCQF level 5 embedded.	12/10/2011

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