



National Unit specification: general information

Unit title: Photography: Manipulative Processes (SCQF level 6)

Unit code: FV1A 12

Superclass: KE

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Summary

The purpose of this Unit is to enable candidates to develop knowledge and skills in the manipulation of monochrome materials and images to creative visual effect.

This Unit is suitable for candidates who are interested in progressing their knowledge of image making and manipulation using monochrome materials.

This is an optional Unit within the National Certificate in Photography (SCQF level 6).

Outcomes

- 1 Investigate a variety of manipulative processes used in monochrome printing.
- 2 Produce a series of manipulated monochrome images.
- 3 Adhere to safe working practices specified for activity areas.

Recommended entry

Entry is at the discretion of the centre. However candidates would benefit from having knowledge and/or skills in basic darkroom techniques and working practices and some experience of the use of film and film cameras.

Credit points and level

1 National Unit credit at SCQF level 6: (6 SCQF credit points at SCQF level 6*)

**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.*

National Unit specification: general information (cont)

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Core Skills

Opportunities to develop aspects of Core Skills are highlighted in the Support Notes of this Unit specification.

There is no automatic certification of Core Skills or Core Skill components in this Unit.

National Unit specification: statement of standards

Unit title: Photography: Manipulative Processes (SCQF level 6)

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

Investigate a variety of manipulative processes used in monochrome printing.

Performance Criteria

- (a) Identify manipulative processes used in a range of exemplar monochrome images.
- (b) Explain the procedures used for manipulating the given images.

Outcome 2

Produce a series of manipulated monochrome images.

Performance Criteria

- (a) Produce a final print which exhibits the Sabattier effect, using appropriate techniques.
- (b) Produce a final print which exhibits the combination of a photogram and a continuous tone negative, using appropriate techniques.
- (c) Produce a final print which exhibits the use of two or more monochrome negatives, using appropriate techniques.
- (d) Produce a photomontage final print, using appropriate techniques.
- (e) Produce a toned final print, using appropriate techniques.

Outcome 3

Adhere to safe working practices specified for activity areas.

Performance Criteria

- (a) Identify safe working practices for each activity area.
- (b) Use protective clothing and equipment correctly where required.
- (c) Undertake safe working practices specific to each work area.

National Unit specification: statement of standards (cont)

Unit title: Photography: Manipulative Processes (SCQF level 6)

Evidence Requirements for this Unit

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

Outcome 1

Written and/or oral recorded evidence, produced under open-book conditions, is required which describes both the visual impact/characteristics of each technique and the steps involved in its production.

A range of techniques involved in the manipulation of monochrome materials must be investigated and explained. These must include:

- ◆ the Sabattier effect
- ◆ the production of an image from one or more negatives using multi-printing techniques
- ◆ the production of an image from a combination of a photogram and a continuous tone negative
- ◆ the production of a photomontage
- ◆ the production of a coloured image on print material using tones, dyes or prints

Outcome 2

Product evidence is required that comprises a minimum of one final, appropriately manipulated, processed and presented print using each of the following techniques:

- ◆ the Sabattier effect
- ◆ multi-printing using one or more negatives
- ◆ combination printing of a photogram and a continuous tone negative
- ◆ photomontage
- ◆ colouration of a print using dyes or toners

Minimum print size 8x6

Outcome 3

Written and/or oral recorded evidence, produced under open book conditions, is required which describes both the safe working practices involved with each technique and the use of specialist equipment and working routines adopted in all production areas. Performance evidence is required to demonstrate that the candidate adheres to safe working practices in carrying out practical tasks.

Note — Evidence can be holistic or Outcome by Outcome

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

In this Unit candidates are required to undertake a range of tasks involving monochrome printing and print manipulation. They will learn about multiple printing techniques, Sabattier (print solarisation), production of photograms and photomontages and the colourisation of monochrome prints via dyes and toners.

All current, relevant health and safety requirements should be covered and repeated throughout the delivery of this outcome.

Candidates would benefit from having knowledge and/or skills in basic darkroom techniques and working practices and some experience of the use of film and film cameras.

This Unit should prepare candidates for progression to Photography: Darkroom Techniques DW81 34 (SCQF level 7).

Guidance on learning and teaching approaches for this Unit

In Outcome 1, candidates would benefit from working in small groups and individually to source examples of manipulated monochrome images that show the use of the specified specialist techniques. Such images could then be discussed and analysed within class groups with clarification from tutors. A workbook or sketchbook could be used as a summative and formative assessment tool, facilitating individual feedback on research carried out.

It may be useful for tutors to introduce key terminology and the visual impact of various manipulative processes at the outset of candidates' own research efforts.

In Outcome 2, candidates would benefit from working initially in small groups, practising the procedures required in handling processed film and in use of enlargers, timers and masking frames and in memorising the correct steps and solutions required in processing exposed paper. Candidates should manipulate and process final prints individually.

The correct sequence and combination required for each technique should be closely supervised by the tutor to maximise candidates' opportunities to succeed initially, however candidates should be encouraged to explore the creative potential of each process.

In Outcome 3, candidates would benefit from working in small groups and individually to review and compile a list of health and safety equipment, practices and procedures as applied in Outcome 2 during practical demonstration of safe working by tutors within each work area. This Outcome could be taught as part of a familiarisation and induction to both darkroom and processing areas workshop and the assessment delivered using a working checklist by candidates.

National Unit specification: support notes (cont)

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Guidance on approaches to assessment for this Unit

Outcome 1

This Outcome could be assessed by compilation of a folio of evidence. It is strongly recommended that tutors use some form of peer or group formative assessment when evaluating research materials to encourage cross fertilisation of creative concepts and insights.

Outcome 2

This Outcome could be assessed via a practical exercise(s) either in a group or individual assessment events. Tutors could undertake formative assessment of candidates via observational checklists during printing and processing tasks.

Outcome 3

This Outcome could be integrated with the practical exercises in Outcome 2. Candidates are expected to undertake all health and safety requirements during practical workshops therefore a review and assessment of familiarity with these elements could be ongoing rather than summative. An observational checklist or a range of formative question papers could be devised.

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 learn about and use manipulative processes and techniques to make monochrome images with creative visual impact.

Candidates will:

- ◆ explain procedures and processes
- ◆ use judgement in the practical application of techniques to create visual effects in the production of unique creative monochrome prints
- ◆ make calculations in relation to time and dilution and exposure
- ◆ describe and demonstrate good working practices

This means that as candidates are doing this Unit they will be developing aspects of the Core Skills of *Communication*, *Numeracy* and *Problem Solving*.

In addition, candidates may develop aspects of the Core Skill of *Working with Others* where group work is used in delivery of the Unit.

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

History of changes to Unit

Version	Description of change	Date

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