



## National Unit Specification: general information

**UNIT** Media: Lighting for Single Camera (SCQF level 6)

**CODE** F57W 12

### SUMMARY

The purpose of this Unit is to provide the basic knowledge and skills required to plan and light scenes for a single camera television or video production. This is a practical Unit in which candidates will have the opportunity to use this underpinning theory to plan and set up lighting for a given production.

This Unit is suitable for candidates who wish to gain knowledge and understanding of lighting principles and practice in relation to television and video production, and who wish to gain practical skills in lighting for television and video production.

### OUTCOMES

- 1 Explain the key properties of video lighting.
- 2 Plan lighting for a given production.
- 3 Set up lighting for a given production in accordance with the lighting plan.

### RECOMMENDED ENTRY

Entry is at the discretion of the centre.

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#### Administrative Information

**Superclass:** KF

**Publication date:** February 2009

**Source:** Scottish Qualifications Authority

**Version:** 01

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

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### **CREDIT VALUE**

1 credit at Higher (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.*

### **CORE SKILLS**

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

There are opportunities for Core Skill development, these are highlighted in the Support Notes of this Unit Specification.

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

### **UNIT      Media: Lighting for Single Camera (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**

Explain the key properties of video lighting.

##### **Performance Criteria**

- (a) Explain the significance of colour temperature in video lighting.
- (b) Explain the effects of hard and soft light on a subject.
- (c) Explain basic lighting approaches.
- (d) Explain the purposes of colour correction gels and diffusers in video lighting.

#### **OUTCOME 2**

Plan lighting for a given production.

##### **Performance Criteria**

- (a) Produce a detailed lighting plot to meet the illumination requirements.
- (b) Select appropriate lighting equipment and accessories to achieve the required illumination.
- (c) Carry out a risk assessment.

#### **OUTCOME 3**

Set up lighting for a given production in accordance with the lighting plan.

##### **Performance Criteria**

- (a) Set up required lighting equipment and accessories correctly.
- (b) Position lighting equipment and accessories to achieve the coverage and level of illumination required.
- (c) Adapt light sources where appropriate to obtain the colour temperature and quality of light required.
- (d) Satisfy health and safety requirements.

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

### **UNIT        Media: Lighting for Single Camera (SCQF level 6)**

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

Evidence must be produced to demonstrate that all Outcomes and Performance Criteria have been met.

##### **Outcome 1 — Written and/or oral evidence**

Evidence for this Outcome should be produced in closed-book supervised conditions.

Candidates must demonstrate that they have knowledge and understanding of the key properties of video lighting. Candidates must:

- ◆ explain the significance of colour temperature in video lighting
- ◆ explain the effects of hard and soft light on a subject
- ◆ explain single, two and three point lighting approaches (this should include reference to the position and purpose of each light)
- ◆ explain the purpose of colour correction gels and diffusers in video lighting

Evidence will be gathered at appropriate points throughout the Unit.

For Outcomes 2 and 3, candidates will be asked to plan and set up lighting for a given TV or video production. Candidates must be able to use single, two and three point lighting techniques. In addition, candidates must plan and use a minimum of two accessories appropriate to the given production.

##### **Outcome 2 — Written and/or oral evidence**

Candidates are required to provide evidence in the form of:

- ◆ an equipment list detailing all selected lighting equipment and accessories
- ◆ a detailed lighting plot showing:
  - required equipment and accessories
  - wattages and cable routing
  - required position of equipment for coverage and level of illumination in relation to the subject and camera
  - colour temperature
  - quality of light
- ◆ a risk assessment of the location where the lighting will be set up

Evidence will be gathered at appropriate points throughout the Unit.

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

### **UNIT        Media: Lighting for Single Camera (SCQF level 6)**

#### **Outcome 3 — Performance Evidence**

Performance Evidence, supported by an assessor observation checklist is required, showing that candidates can:

- ◆ set up required lighting equipment and accessories correctly
- ◆ position lighting equipment and accessories to achieve the coverage and level of illumination required
- ◆ adapt light sources where appropriate to obtain the colour temperature and quality of light required
- ◆ satisfy health and safety requirements

This should be done in accordance with the plan made in Outcome 2.

Evidence will be gathered on one assessment occasion under supervised conditions.

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

### **UNIT        Media: Lighting for Single Camera (SCQF level 6)**

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 is an optional Unit within the National Certificate Group Award in Media (SCQF level 6), but may also be taken as a free-standing Unit.

This Unit is designed to provide candidates with the basic knowledge and skills required to illuminate subjects and scenes for a television or video programme. The ability to plan and use a range of lights and accessories appropriately is an important aspect of the role. Outcome 1 provides the underpinning knowledge of video lighting properties and basic lighting approaches (single, two and three point lighting) which will enable the candidate to light a variety of production situations. This knowledge will assist the candidate in carrying out Outcomes 2 and 3.

Outcomes 2 and 3 are best achieved as part of a production project where the candidate is part of a production crew. The emphasis throughout this Unit should be on the application of basic (single, two and three point) lighting techniques to meet the lighting requirements for a given television or video production.

Basic electrical theory will need to be covered to ensure that the candidate can calculate how many lights can safely be used on any one ring main circuit.

Current, relevant health and safety regulations will need to be covered. This should be kept to the minimum required to ensure an appropriate level of awareness and safe working practices.

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

Outcome 1 explores the properties of light in the context of its application within video production. Where possible, these should be studied through practical demonstrations and group practice. Portable lights and a range of accessories, gels and diffusers commonly used in television/video production should be made available for candidates to try out in different situations including mixed lighting situations.

Outcome 2 requires the candidate to identify and plan the lighting for a given project. Video extracts and case studies with supplied documentation should be provided for candidates to identify production lighting requirements and approaches. Candidates should also be provided with a variety of situations and locations in which to practice lighting and reviewing/comparing results.

## National Unit Specification: support notes (cont)

### UNIT      Media: Lighting for Single Camera (SCQF level 6)

Outcome 3 requires the candidate to apply their knowledge gained from Outcome 1 and utilise the lighting plan and equipment selected in Outcome 2 to set up the lighting required for the project. Candidates should be given as many opportunities as possible to try out different set ups and analyse the results. Approaches to using a mixture of daylight and artificial light sources should be covered and candidates should be encouraged to utilise natural light as a source where appropriate. Candidates should identify and adhere to relevant health and safety issues throughout their practice sessions.

### OPPORTUNITIES FOR CORE SKILL DEVELOPMENT

Candidates will be producing written and/or oral communication as part of the assessment. This offers ideal opportunities to develop aspects of the Core Skill of *Communication*.

Candidates will have the opportunity to develop aspects of the Core Skill *Problem Solving* during Outcomes 2 and 3 when planning and setting up lighting for a given situation.

Candidates will also have the opportunity to develop aspects of the Core Skill of *Working with Others* should they choose to work in groups as they prepare to be assessed on Outcomes 2 and 3.

### GUIDANCE ON APPROACHES TO ASSESSMENT FOR THIS UNIT

The following instruments of assessment are suggested:

- ◆ Outcome 1 — extended response.
- ◆ Outcome 2 and 3 — practical project where the candidate carries out the planning and set up of lighting equipment (possibly alongside candidates undertaking other Units such as camera and sound). The project may be supplied by the centre or originated as part of a group or individual project.

Time should be allowed for any necessary re-assessment.

### 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 communications technology (ICT), such as e-testing or the use of e-portfolios or e-checklists. 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)*.

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

**UNIT**      Media: Lighting for Single Camera (SCQF level 6)

### **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)).