



National Unit specification: general information

Unit title: Model Making: Design and Production Miniatures for Film and TV (SCQF level 6)

Unit code: FT8J 12

Superclass: VF

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Summary

This is a mandatory Unit in the National Certificate in Model making for Film and TV at SCQF level 6 and can also be taken as a freestanding Unit.

It is a specialist Unit to develop and expand candidates' model making knowledge and skills in the understanding, planning and development of miniatures commonly used within the film and TV industry design and production process.

The Unit is particularly suitable for those candidates wishing to embark upon a career in model making and related industries.

Outcomes

- 1 Demonstrate an understanding of the use of miniatures in an industry context.
- 2 Develop a design for a miniature from a selected theme or production.
- 3 Construct a miniature to the given brief.

Recommended entry

While entry is at the discretion of the centre, candidates would benefit from previous experience of an Art or Design course.

Credit points and level

2 National Unit credit(s) at SCQF level 6: (12 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

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

Demonstrate an understanding of the use of miniatures in an industry context.

Performance Criteria

- (a) Identify Industry practitioners involved in the development and construction of miniatures for film and TV.
- (b) Explore the use of miniatures within the industry.
- (c) Explain the uses of miniatures in the design and development of a film or TV production.

Outcome 2

Develop a design for a miniature from a selected theme or production.

Performance Criteria

- (a) Produce a range of drawings from a selected theme or production suitable for development.
- (b) Develop concepts for a miniature from the drawings.
- (c) Produce accurate scale drawings of the concept.
- (d) Samples of relevant finishes and textures are prepared in a safe manner.

Outcome 3

Construct a miniature to the given brief.

Performance Criteria

- (a) Produce a relevant production schedule.
- (b) Identify appropriate materials and equipment required for the production.
- (c) Accurate and neat production of scale model to an appropriate standard.
- (d) Apply safe working practices.

National Unit specification: statement of standards (cont)

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Evidence Requirements for this Unit

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

Outcome 1 — Written/oral and performance evidence

The candidate should identify at least five industry practitioners involved in the development and construction of miniatures for both film and TV.

The exploration of the use of miniatures must include consideration of the functions, themes or visual focus of a range of miniatures including materials and techniques used in their production.

Examples of miniatures and their applications are clearly collated and demonstrated.

Outcome 2 — Product evidence

A range of developmental sketches and working drawings are used, which evidence the use of the research material, from which a final design is selected.

The production of 2D and 3D developmental work that shows awareness and understanding of scale, colour, texture and the construction processes required in the production of the final miniature.

A production plan outlining the materials and techniques required in the production of the miniature.

Candidates must also be able to demonstrate a good knowledge and understanding of safe working practices and materials handling.

All work should be retained as part of the ongoing folio of work and assessed in relation to the personal enquiry made by candidates and their ability to develop creative ideas/concepts in accordance with the selected theme or production.

The applied use of media, materials and techniques should demonstrate a level of exploration and experimentation.

Outcome 3 — Product evidence

The production of a final miniature that is an accurate representation of the design developed in Outcome 2, in terms of scale, form, texture colour incorporating safe working practices in the construction of the miniature.

Practical evidence must be demonstrated to show that the candidate has the necessary skills and knowledge required to perform the practical design and construction tasks required in this Unit.

National Unit specification: statement of standards (cont)

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Candidates must also be able to demonstrate a good knowledge and understanding of safe working practices and materials handling.

All Outcomes can be assessed individually or holistically, integrating Outcomes.

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 80 hours.

Guidance on the content and context for this Unit

This is a mandatory Unit of the National Certificate in Model Making for Film and TV at SCQF level 6, but can also be taken as a freestanding Unit.

It is designed to complement the other Units within the NC Model Making for Film and TV and suitable for candidates preparing for a career in the model making industry and related creative industries. It is also suitable for those who are already in employment and requiring career development. The Unit prepares candidates for a progressive route from NC Model Making through to HND; BA or MA in Design.

The Unit introduces candidates to this important process within the film and TV industry and enables an understanding of the process — from concept, to design, planning and construction of a miniature, whether as part of the initial design stage of a set (either interior or exterior) or as design aid during the development stage of camera-ready miniatures.

The learner would be given the opportunity to use a previously produced film or TV theme on which to base their design and models. There is also the opportunity to develop their own selected design from a range of industry examples:

- 1 Camera-ready miniatures — Buildings, Vehicles (Aircraft, Cars, Spacecraft, Ships) Landscapes, Interiors.
- 2 Miniatures used as part of the pre-production design stage of a production — Sets (Exterior and Interior) Maquettes, Character studies and development used prior to Digitization for Computer Generated film productions.

This Unit has been designed to align with the National Occupational Standards for Craft, Prop and SFX.

CR 3	Manage time for craftwork practice
CR 4	Research ideas for craftwork practice
CR 6	Interpret a design brief for craft
CR 13	Select and use techniques, materials, tools and equipment
CR 15	Use safe working practices for craft
TP 2.5b	Interpreting designs for sets and props
DES 7	Contribute to the production of prototypes and models

National Unit specification: support notes (cont)

Unit title: Model Making: Design and Production Miniatures for Film and TV (SCQF level 6)

Guidance on learning and teaching approaches for this Unit

Introduction on the function and application of range of Miniatures should be produced demonstrating the purpose and potential users of Design and Production Miniatures. The different approaches in the use of materials and construction techniques would be outlined at this stage with a possible visit or samples to help contextualise.

Centres can use group critiques and reflective discussions to support and guide candidates through the development and production involved in miniature production. The brief should encourage the development of practical work that encourages candidates to use and evaluate a range of 2D/3D media, materials and construction techniques this would include planning and time management. The candidates should be encouraged to annotate their findings and to use ongoing tutorial sessions and discussions, either individually or in group settings to help reflect on their learning.

The work produced should demonstrate that candidates have thoroughly explored and experimented creatively using the collated research evidence from Outcomes 1 and 2 as a stimulus for the development of the finished miniature.

Guidance on approaches to assessment for this Unit

A suitable Instrument of Assessment for this Unit would be practical exercise(s).

Outcome 1

Assessment of Outcome 1 requires the collation and presentation of investigative research. This could be formatively and summatively assessed through assessor and/or peer presentation. This process may be further supported by candidate feedback in either written and/or oral format.

Outcome 2

In Outcome 2, lecturer and/or peer critiques can be given throughout the development process. All developing ideas/concepts should be retained as part of the ongoing folio of work. This work should be assessed in relation to the personal enquiry made by candidates and their ability to develop creative ideas/concepts in response to the selected theme or production. The applied use of media, materials and techniques should demonstrate a level of exploration and experimentation. The work produced should reflect the content of the selected theme or production and also the findings from Outcome 1.

Outcomes 3

Practical evidence must be demonstrated to show that the candidate has the necessary skills and knowledge required to perform the practical design and construction tasks required in this Unit. The candidate should produce a final miniature that is an accurate representation of the given brief in terms of scale, form, texture and colour incorporating safe working practices in the construction of the miniature. It should also reflect the development work produced in Outcome 2.

National Unit specification: support notes (cont)

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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 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)*.

Opportunities for developing Core Skills

Through using VLE and software to research and present information, candidates would have the opportunity to develop aspects of the Core Skill of *Information and Communication Technology*.

Investigation of the brief, the development process and the ongoing reflective evaluation of the developing practical work with reference to the requirements of the brief would allow candidates to develop aspects of the Core Skill of *Problem Solving*. *Numeracy* would also be developed when working with scale.

Through group discussions, collaborative research approaches and on-going evaluation of the process the candidate would have the opportunity to develop aspects of the Core Skill of *Working with Others* and *Communication*.

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.	29/09/2011

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