

Higher National Unit Specification

General information for centres

Unit title: Fabric Construction: Advanced Techniques

Unit code: F18F 35

Unit purpose: The Unit is designed to give candidates the opportunity to experiment with advanced fabric construction techniques and to produce a portfolio of samples. The Units is suitable for those studying textiles or working in a related area.

On completion of the Unit the candidate should be able to:

Credit points and level: 1 HN Credit at SCQF level 8: (8 SCQF credit points at SCQF level 8*)

**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.*

Recommended prior knowledge and skills: Candidates should have knowledge of fabric construction techniques which could be evidenced by successful completion of the Unit Fabric Construction: An Introduction at SCQF level 7.

Core Skills: There are opportunities to develop the Core Skills of Communication at SCQF level 6 and Critical Thinking at SCQF level 6 in this Unit, although there is no automatic certification of Core Skills or Core Skills components.

Context for delivery: If this Unit is delivered as part of a Group Award, it is recommended that it should be taught and assessed within the subject area of the Group Award to which it contributes.

Assessment: The candidates will produce design evidence from relevant source materials, which will take the form of a collection of advanced fabric construction samples.

Higher National Unit specification: statement of standards

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The sections of the Unit stating the Outcomes, knowledge and/or skills, and Evidence Requirements are mandatory.

Where evidence for Outcomes is assessed on a sample basis, the whole of the content listed in the knowledge and/or skills section must be taught and available for assessment. Candidates should not know in advance the items on which they will be assessed and different items should be sampled on each assessment occasion.

Outcome 1

Demonstrate advanced fabric construction techniques

Knowledge and/or skills

- ◆ Advanced Fabric Construction techniques
- ◆ Conventional and unconventional materials
- ◆ Conventional and unconventional media
- ◆ Design brief

Evidence Requirements

Candidates will need evidence to demonstrate their knowledge and skills by showing that they can: use a at least 10 different advanced fabric construction techniques to produce a minimum of 10 samples which meet the needs of a design brief in terms of suitability. At least 5 of these samples should show a combination of 2 different construction techniques or 2 different materials or media being used.

The 10 different advanced fabric constructions should:

- ◆ relate to the theme of the brief in terms of colours and materials selected
- ◆ be a minimum of A5 size
- ◆ use different materials and media for each sample
- ◆ demonstrate consistent quality of construction throughout the sample
- ◆ demonstrate the use of conventional and unconventional materials and media
- ◆ be scaled to meet the requirements of the brief
- ◆ be trimmed, finished and pressed to produce a consistent standard

Assessment guidelines

See Assessment Guidelines after Outcome 3.

Higher National Unit specification: statement of standards (cont)

Unit title: Fabric Construction: Advanced Techniques

Outcome 2

Produce and evaluate complex fabric construction samples to interpret the theme of a brief

Knowledge and/or skills

- ◆ Design sources
- ◆ Experimental advanced fabric construction techniques
- ◆ Materials – traditional and innovative
- ◆ Interpretation of the brief

Evidence Requirements

Candidates will need evidence to demonstrate their skills and knowledge by showing that they can: select develop and evaluate fabric constructions to interpret the given theme of the brief. Candidates should produce a minimum of 6 samples. Each sample should be at least A5 size for each sample different source elements, techniques and materials should be used. These techniques could be the same or different from those demonstrated in Outcome 1.

The samples should show:

- ◆ development from the design source showing personal source which relates to the theme of the brief
- ◆ the use of 6 different source elements, 6 different materials and 6 different techniques
- ◆ a co-ordinated collection which relates to the theme of the brief
- ◆ relevant solutions from the design source
- ◆ suitability in terms of materials used
- ◆ consistency in quality of construction
- ◆ evidence of experimentation in choice of scale
- ◆ trimmed of loose ends
- ◆ finished to enhance the sample

Each sample should be accompanied by a technical note and a brief evaluation of the effectiveness and suitability of the techniques and materials used in relation to the given brief.

Assessment guidelines

See Assessment Guidelines after Outcome 3.

Outcome 3

Present a portfolio of experimental samples

Knowledge and/or skills

- ◆ Portfolio presentation techniques
- ◆ Selection techniques
- ◆ Technical evaluation

Higher National Unit specification: statement of standards (cont)

Unit title: Fabric Construction: Advanced Techniques

Evidence Requirements

Candidates will need evidence to demonstrate their knowledge and skills by showing that they can: Present a portfolio of advanced fabric construction samples and related design sources (visual references related to the theme of the brief) to show the development of these advanced fabric constructions from initial experiments to selecting appropriate solutions to the brief. The portfolio should be presented in a logical order and demonstrate a professional standard throughout. This portfolio should contain a minimum of 16 samples and should include a brief technical note which evaluates the properties and suitability of the techniques and materials used in each sample. These samples could be those produced in Outcomes 1 and 2.

Assessment guidelines

All 3 outcomes could be assessed holistically with advanced fabric constructions which have been developed to meet a design brief, which will form the requirements for all three outcomes, and demonstrate the candidate's competence at advanced fabric construction techniques. Each advanced fabric construction sample will be accompanied by technical information which evaluates the properties and suitability of the techniques and materials used.

It is envisaged that the samples of advanced fabric constructions would be gathered into a portfolio which could take the form of a folder or a series of presentation boards. The portfolio could be used by the candidate as the basis for future work and could be maintained and added to throughout the candidate's studies.

The brief would detail the requirements in relation to a theme from which the candidate would gather personal visual information to inspire the advanced fabric constructions. In Outcome one they would experiment with 10 techniques and in Outcome two they would make 6 selections of techniques, materials and media to create solutions which best meet their interpretation of the brief. In Outcome three they would present their experiments and solutions for assessment of the properties and suitability of the techniques used to meet the brief.

Checklists could be used to record the candidate's ability and standards for each outcome in terms of properties and suitability of advanced fabric constructions and materials used and to ensure parity of standards and levels throughout the class group. The candidate could use the samples produced in Outcomes 1 and 2 as the basis of the portfolio or the samples could be from another source.

Administrative Information

Unit code: F18F 35

Unit title: Fabric Construction: Advanced Techniques

Superclass category: JL

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History of Changes:

Version	Description of change	Date

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Higher National Unit specification: support notes

Unit title: Fabric Construction: Advanced Techniques

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 40hours.

Guidance on the content and context for this Unit

This Unit is intended to provide candidates with advanced skills in fabric construction techniques and the chance to use these techniques to create solutions to a design brief which will have a theme which the candidate will find their own visual references. Candidates will present their experiments and solutions for assessment.

This Unit forms part of the Award HNC/D Textiles

Outcome 1

Advanced fabric construction techniques will be demonstrated and candidates will be given the opportunity to use and explore the techniques to create samples which relate to their own visual references which have been sourced from the theme of the given brief.

Fabric Construction techniques likely to be covered in this Unit would include machine and hand knitting, machine and hand weaving, fleecing, macramé and crochet to a more advanced level than in Fabric Construction: An Introduction.

Types of materials/media – fabric, fibres, plastic, paper, metal and other natural materials such as wood, slate, and stone could be demonstrated and used in this Unit.

Outcome 2

Having experimented with advanced fabric constructions techniques, candidates will evaluate these to make judgements and selections of the best techniques, materials and media to develop design solutions in relation to their visual references and produce a co-ordinating collection of samples.

Outcome 3

The samples created in Outcomes 1 and 2 should be selected and gathered together and presented in an organised and logical manner for this Outcome along with their visual references in relation to the theme of the brief. In this Outcome the candidate is developing the skills of collating samples in a logical way; commercial presentation; evaluation of the properties and suitability of the techniques and materials used.

Guidance on the delivery and assessment of this Unit

When creating samples candidates could maintain working notes of the samples created. These could be incorporated in their portfolio at a later stage.

Higher National Unit specification: support notes (cont)

Unit title: Fabric Construction: Advanced Techniques

Candidates will be working to a given design brief for compilation of their portfolios which they should interpret as required, but showing their own ideas and visual references. There may be relationship between this Unit and the Observational Drawing Unit.

A suggested checklist is shown below which could be used for each sample in Outcome 1 and 2 and for presentation purposes in Outcome 3.

Process used	Candidate comment	Assessor comment
Suitability of material – appropriate to the task		
Types of materials used		
Quality of construction – did it meet intentions		
Choice of scale		
Relevance to source		
Innovation		
Trimmed		
Pressed		
Finished		
Co-ordination to other samples in collection		
Quality and Suitability of presentation.		
Judgement of Assessor		

The final work could be presented in the form of a sketchbook, stitched booklet, individual sheets, board or digitally recorded or a combination of these methods. The candidate should select a method which is most suitable to their own work for the purposes of presenting the samples and visual references for assessment.

Opportunities for developing Core Skills

Communication skills are developed by question and answer sessions in groups and in one to one coaching session when the candidate is questioned about their design development and their ability to meet the brief. Additionally candidates are required to make technical notes and evaluate the materials and techniques used. This could be in oral or written form and would form part of the candidate's final portfolio.

Critical Thinking is developed by encouraging the candidate to reflect and evaluate their development of samples and their choice of materials and techniques. Candidates should ensure that their technical notes and evaluations address any potential problems that the sample might have in meeting the needs of the design brief. Candidates will have to show evidence of planning, developing and evaluating their ideas. The evaluation may result in alterations being made to the original fabric construction intended and this is likely to be documented on the accompanying technical notes.

Higher National Unit specification: support notes (cont)

Unit title: Fabric Construction: Advanced Techniques

Open learning

This Unit is suitable for open learning but where this mode of delivery is used the centre will have to devise appropriate ways of ensuring authenticity of candidate work.

This might be done by use of questionnaire on fabric construction techniques and photographic/CD/DVD images of work in progress. This could be requested at various intervals at the centres discretion.

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).

General information for candidates

Unit title: Fabric Construction: Advanced Techniques

In this Unit you will learn how to produce samples of advanced fabric constructions which will show experimental and traditional fabric construction techniques which will be demonstrated at the outset of the Unit. You will get the opportunity to practice your techniques and you will be encouraged to experiment with unconventional materials as well as traditional materials.

For your assessment, you will be given a brief which has a theme for you to interpret and source your own visual references in the form of drawing, photography and other images. This will give you the inspiration for the creation of your samples.

When you have experimented with the demonstrated advanced fabric construction techniques you will make your own evaluations and selections to develop co-ordinating design solutions which best meet the theme of the brief.

Fabric construction techniques likely to be covered are machine and hand knitting, machine and hand weaving, fleecing macramé and crochet to a more advanced level than in Fabric Construction: An Introduction.

You will work with a variety of fabrics and other materials in this Unit such as: paper, plastics, raffia, wood, metal, found objects.

Examples of the kind of fabrics you will work with are: naturals and synthetics, wools, threads, fibres

You will be assessed on the standard and suitability of your initial experiments, visual references, design solutions and the presentation of your samples. A checklist to record your own evaluation as well as the judgement of your lecturer is likely to be used for example:

Process used	Candidate comment	Assessor comment
Selection of material – is it appropriate to the task		
Types of materials used		
Quality of construction – did it meet intentions		
Choice of scale		
Relevance to source		
Innovation		
Trimmed		
Pressed		
Finished		
Co- ordination to other samples in collection		
Quality and suitability of presentation.		
Judgement of Assessor		

In this Unit you will also develop your Communication skills as you will be encouraged to discuss your progress and present your ideas to your lecturer and peers. You will record your technical notes and evaluate the techniques and materials you have used.

General information for candidates (cont)

Unit title: Fabric Construction: Advanced Techniques

Additionally you will develop Critical Thinking by being encouraged to reflect and evaluate the process of sourcing, development and selection throughout the project to address your strengths and limitations against the requirements of the given brief. You will have to show evidence of planning, developing and evaluating your ideas. The evaluation may result in alterations being made to the original fabric construction intended and this is likely to be documented on the accompanying technical notes.