

Garment Construction 1

Module title			
Garment Construction 1			
Module NFQ level	Module number / reference	ECTS Value	Duration
6	10	5	12 weeks
Parent programme(s).		Stage of parent programme	Semester No.
Bachelor of Arts in Fashion Design		Stage 2	Semester 1
Bachelor of Arts (Honours) in Fashion Design		Stage 1	Semester 1
Teaching and Learning modes	Proportion (% of Total Directed Learning)		
Classroom / Face to Face	75%		
Workplace	-		
Online	25%		
Other (Identify)	-		
Entry requirements (statement of knowledge, skill and competence)			
As per programme entry requirements outlined in Section 4.2.			
Maximum number of learners per instance of the module		30 learners	
Average (over the duration of the module) of the contact hours ¹ per week		6 hours	
Pre-requisite module title(s) (if any)		None	
Co-requisite module title(s) (if any)		Fashion Design 1	
Is this a capstone module? (Yes or No)		No	
Module-specific physical resources and support required per centre (or instance of the module)			
The design studio and sewing room includes furniture and equipment best suited for design and garment construction work. With large desks, cutting tables, sewing machines, pressing equipment, light boxes, mannequins, garment rails and presentation boards to display and present work. Requirements are for a fully equipped classroom for groups of 30 learners which facilitates both lecture and group work activity as a practical application of theory is tested and investigated. The classroom is equipped with PC and an overhead projector. The classroom is available to learners outside of contact teaching hours, to facilitate group assignment tasks and supports peer to peer learning.			
Specification of the qualifications (academic, pedagogical and professional/occupational) and experience required of staff working in this module.			
Role e.g. Tutor, Mentor etc	Qualifications & experience required:	# of Staff with this profile (WTEs ²)	
Lecturer	Lecturing staff must be qualified to minimum NFQ Level 9 in Fashion Design or hold an equivalent professional qualification. Related industry experience would be beneficial. Ideally, they would also hold a third level teaching qualification (e.g. the Griffith College Certificate in Education, Learning and Development).	0.4	

Analysis of required learning effort		
*Effort while in contact with staff	Minimum ratio teacher / learner	Hours
Classroom and demonstrations	1:30	12
Mentoring and small-group teaching	1:15	60
Other (specify)	-	-
Independent Learning		
Directed eLearning (hours)		10
Independent Learning (hours)		43
Other hours (specify)		-
Work-based learning hours of learning effort		-
Total Effort (hours)		125

Allocation of Marks					
	Continuous Assessment	Supervised Project	Proctored Practical Exam	Proctored Written Exam	Total
Percentage Contribution	100%	-	-	-	100%

Module aims and objectives

The module aims to equip learners with a basic level of technical awareness and skills required to create their designs and develop effective communication skills using relevant industry terminology. Learners must demonstrate health and safety standards when using industry equipment and sewing machines in a workroom environment.

The objective is for learners to achieve a degree of competency and confidence to measure, understand size charts and basic garment specification sheets. Learners draft and manipulate blocks and assemble garments using industry sewing techniques and appropriate materials. Projects explore industry standards and practice, so learners can differentiate between couture and industry production techniques. Learners acquire skills to translate their design from a specification sheet to a final complete garment using basic industry-standard pattern drafting and garment construction techniques demonstrating the skills required to progress.

Minimum intended module learning outcomes

On successful completion of this module, learners are able to:

- (i) Demonstrate block creation, basic pattern drafting and sewing skills with appropriate industry tools, materials and finishing standards while exercising health and safety guidelines.
- (ii) Translate design to a specification sheet on deadline with appropriate material swatches and trims, demonstrating considered 3D technical seams, darts and styleline detail using industry notation.
- (iii) Produce a garment design and portfolio demonstrating creative pattern drafting, fit toiles, industry garment construction techniques with appropriate tools, materials and finishing standards, supported by industry notation and documentation of timely progression.

Rationale for inclusion of the module in the programme and its contribution to the overall MIPLOs

Garment Construction 1 is the key supporting subject to Fashion Design 1. The module introduces learners to the skills and techniques required to translate their designs from a technical drawing on a specification sheet to a final, complete garment. Learners acquire basic garment construction and pattern drafting skills to demonstrate industry production techniques.

The MLO underpin the learning to be applied in other design and garment construction modules in later stages, and so contributes to some of the Intended Programme Learning Outcomes. The module learning outcomes are aligned with programme learning outcomes: 2, 3, 4, 6, and 9.

Information provided to learners about the module

Learners enrolled on this module initially receive a copy of the module descriptor, assessment briefs and assessment strategy. These materials are given directly by the lecturer but also by the year head as part of the Semester Schedule Handbook for award stage modules of the programme. All content is provided on Moodle as well as access to additional content through the library and online resources.

In class, learners are provided with a PowerPoint pack, and extensive reading list, incorporating professional and academic and non-academic sources. Guest lectures will be introduced to ensure practical knowledge and real-life examples will keep the content relevant.

Module content, organisation and structure

Learners are mentored during this module, with an emphasis on self-directed learning and independent development. Strategies for this module are based on 'learning by doing', learner-centred learning and structured teaching methods. These would include lectures and learning through practical demonstrations and online support on Moodle. Practically focused assessment is emphasised. Studio-based pattern creation and sewing classes incorporate lectures and tutor-led demonstration workshops to develop learners' technical knowhow. Learners follow in-class technical demonstrations and problem-solving exercises. Assignments-based work brings experiments with different materials and allows learners to apply what has been learnt to their own creative visual expressions.

The module is timetabled for 6 hours over 12 weeks for the whole class. The number of 5 ECTS credits assigned to this module is based on the total amount of learner effort required. Continuous assessments spread the learner's effort to focus on small steps and avoid the learner neglecting the basic steps in preparation for when more complicated tasks are required. The studio and sewing rooms are available to learners outside of class times, for learners to continue learning through self-directed learning.

Pattern Stage 1: Technical Pattern Portfolio 20% 1. Introduce MLO, tools and terminology, learner materials/suppliers, assignment management. Tailored skirt project, draft tailored skirt block. HW deconstruct skirt to understand the construction process. 2. Complete tailored skirt patterns with waistband, buttonhole and regular sip. 3. Draft extra flare skirt with facing & invisible sip. 4. Class on facings and linings etc. Cut flared skirt. 5. Assignment submission recap, introduce pleats and HW task etc. Dart pivoting and manipulation for skirt pattern creation. 6. Wk. 6: Interim Submission Feedback Stage 2: Skirt Specification / Pattern 30% 6. Wk. 6: Start own skirt design. 7. Own skirt design - toile 8. Own skirt design - facings and linings 9. Cut own skirt design Stage 3: Technical Pattern Portfolio Continued • Review of MLO, Draft close-fitting bodice block. • Draft close-fitting bodice block sleeve. • Draft close-fitting bodice dart manipulation. • Assignment submission recap.	Sewing Stage 1: Technical Sewing Portfolio 20% 1. Introduction to the MLO, health and safety, sewing equipment and machines. Basic sewing: straight stitch, open seam, closed seam. 2. French seam, welt seam (lap, fell seam), bound seam, overlocking and double turned at 2cms, overlocked and stitched at 3cms hems. 3. Regular sip, fusing and waistband samples. Start tailored skirt construction. 4. Complete tailored skirt with waistband 5. Invisible sip, flared skirt with facing and half lining. 6. Gathering samples, bias binding, pleats, tucks. 7. Experimentation and samples for own skirt design Stage 2: Professionally presented skirt 30% Review of MLO, 8. Start skirt toile and finalise for homework 9. Start construction of skirt in actual fabric 10. Skirt design assembly. 11. Skirt design assembly. 12. Button & buttonhole, skirt finishing, pressing, presentation techniques. Assignment submission recap.
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Module teaching and learning (including formative assessment) strategy

The module is delivered over a period of 12 weeks with 1 x 3-hour pattern class and 1 x 3-hour sewing class a week. Lectures can start with a brief PowerPoint and then followed by in-class demonstrations. Learning and teaching is delivered through in-class demonstrations, in-class exercises and online support on Moodle. Strategies for this module are based on 'learning by doing'.

Learners are mentored during the module with work assessed on week 07 to give learners feedback and direction for the final submission. Emphasis is placed on self-directed learning with learners expected to use college facilities in their own time to work on assignments and improve skills. Focus is also placed on experiential learning with learners expected to develop ideas through experimentation on the stand, toiles, creative pattern drafting and sewing samples. Class plans and lectures for pattern and sewing run simultaneously.

The module draws upon practical work and design development and learners are required to practice, research and present work which relates to the MLO. The subject is assessed through the submission of a Portfolio (weighting 100%) which is broken down into: Sewing Technical Portfolio (20%), Pattern Technical Portfolio (20%), a Skirt portfolio (30%) and a Professionally Presented Skirt (30%).

Activity	Teaching / Learning Strategy	Learning Environment
Lectures and demonstrations (72 hours)	Lectures and demonstrations : • Use of sewing equipment • Basic garment construction techniques • Pattern drafting basic blocks • Manipulation of blocks • Creative Pattern drafting • Development and documentation • Garment Construction	College
Independent work (53 hours)	Self-directed work, researching and developing skills in both sewing and pattern drafting, experimentation with fabrics, design etc	College / Home

Work-based learning and practice-placement

There is no credit-bearing work-based learning or practice placement. However, a limited number of work placements and live industry projects are organised yearly by the college. Learners are advised in the early part of the first semester to participate in live industry projects, design competitions and to arrange summer work placements to develop and practice their skills. Through Griffith College's partnership with CAPA, Remote Global Internship work is available for learners. This is an optional service and includes an additional fee. Learners can also benefit from the opportunities offered by Erasmus+ to gain work experience in another country.

E-learning

Griffith College uses Moodle, a virtual learning environment, to support its delivery of e-learning activities in the form of peer-to-peer support based around activities where learners give and receive feedback, forums where learners must contribute, formative quizzes and video links. Learners also have access to LinkedIn Learning training materials.

Module physical resource requirements

The design studio and sewing room include furniture and equipment best suited for design and garment construction work. With large desks, cutting tables, sewing machines, pressing equipment, light boxes, mannequins, garment rails and presentation boards to display and present work. Requirements are for a fully equipped classroom for groups of 30 learners which facilitates both lecture and group work activity as a practical application of theory is tested and investigated. The classroom is equipped with PC and an overhead projector. The classroom is available to learners outside of contact teaching hours, to facilitate group assignment tasks and supports peer-to-peer learning.

Reading lists and other information resources

Recommended Reading

- Aldrich, W., 2015. *Metric Pattern Cutting, 6th Edition*, Oxford, U.K.; Ames, Iowa: Blackwell Pub.
- Smith, J. 2013. *Guide to Basic Garment Assembly for the Fashion Industry*. Wiley-Blackwell.
- How To Start Sewing: The How and Why of Sewing for Fashion Design: Sewing Techniques with Matching Patterns Paperback. Assembl Books (2019).

Kiisel, K., 2013 Draping: The Complete Course Laurence King Publishing.

Supplementary Reading

Amaden-Crawford, C. 2018. The Art of Fashion Draping. Fairchild.
Armstrong, H.J., 2013. Draping for apparel design, New York; London: Fairchild; Bloomsbury.
Bray, N., 2003. More dress pattern designing, Oxford; Malden, MA: Blackwell Science.
Hosegood, B., 2006. The complete book of sewing, London; Melbourne: Dorling Kindersley.
Jungclaus, S. 2021. Modern Ladies' Tailoring: A basic guide to pattern drafting, Books On Demand.
Lynne Matthews-Fairbanks, J. 2018. Pattern Design: Fundamentals: Construction and Pattern Making for Fashion Design: Volume 1, CreateSpace Independent Publishing Platform
Shaeffer, C.B., 2009. Claire Schaeffer's fabric sewing guide, Radnor, PA: Chilton.
Shaeffer, C.B., 2011. Couture sewing techniques, Newtown, CT: The Taunton Press.
Wolff, C., 2011. The art of manipulating fabric, Iola, WI: Krause Publ.

Specifications for module staffing requirements

Lecturing staff must be qualified to minimum NFQ Level 9 in Fashion Design or hold an equivalent professional qualification. Related industry experience would be beneficial. Ideally, they would also hold a third level teaching qualification (e.g. the Griffith College Certificate in Education, Learning and Development).

Module summative assessment strategy

The assessment for this module is continuous assessment (100%). The continuous assessment provides ongoing feedback for learners. This gives the learner the opportunity to learn through doing and to continue to improve work as skills develop.

The subject is assessed through the submission of a technical and creative skirt design portfolio (100%) showcasing pattern drafting and sewing skills. The portfolio markings are broken down as indicated in the following table:

No.	Description	MIMLOs	Weighting
1	GC1 Technical and Dress Design Portfolio	(i) to (iii)	100%

Reassessment/Repeat assessment strategy: Griffith College regulations state that learners must pass all component elements of the module to be deemed to have passed the module.

- In the event of a learner failing components of / this module, they will be required to submit a new individual repeat assignment which will be made available on Moodle to learners, and which must be submitted as per faculty instructions.
- In the event of a learner failing the group assessment element of this module, a new individual repeat assignment will be made available on Moodle to learners which must be submitted as per faculty instructions.
- In the event of the learner failing the exam, learners will take the re-sit exam at the next available sitting, details of which will be made available to learners via Moodle.

Sample assessment materials

Please see sample assessment supplementary document submitted with this proposal.