Subject Description Form

Subject Code	**SFT208FI**
Subject Title	**Creative Use of Textiles**
Credit Value	**3**
Level	**2**
Pre-requisite/ Co-requisite/ Exclusion	Nil
Objectives	This subject provides the theorical and practical knowledge of the classifications, design and development, technologies and manufacturing process of textile fabrics, as well as their practical and creative applications in various fashion products. This subject aims at developing the understating of the functional and aesthetic requirements of fashion products, and the technical know-how for the design of these products.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: (a) recognize the requirements of the use of textiles in specific applications; (b) understand the classifications, structures, characteristics, and the manufacturing techniques of various types of textile fabrics; (c) relate the properties of textile fabrics to the requirements of various types of fashion products; (d) develop skills to apply various textile fabrics in different fashion products both in practical and creative ways; (e) develop critical and creative thinking, as well as self-learning ability to source, select, and integrate information regarding the creative use of textiles
Subject Synopsis/ Indicative Syllabus	**(I) Overview of Textiles** History of textiles; Current supply chain of fashion and textiles; Specific needs of textiles in functional and aesthetic application areas. **(II) Introduction of Fabrics and Their Formation Techniques** Structures, characteristics, and end-uses of various textile fabrics; Principles of typical textile techniques for creative fabric designs. - **Special weave structures, woven pattern designs, and their related weaving technologies**: pile weaves, double-cloth weave, crepe weave, colour-weave effect pattern, dobby pattern, jacquard pattern

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- **Special knitted fabrics and their related knitting technologies**: strip knits, intarsia, designs through loop transfer, fully-fashioned knits
- **Other forms of textile materials**: braids, crochet, embroidery, leather, furs, etc.

(III) Designs Consideration of Textile Fabrics for different Applications: Case Studies

Market trends and development of fabrics; Design consideration for different types of apparel and accessories, including casual wear, underwear, sportswear/athletic wear, backpacks, functional garments for healthcare, etc.
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<tr><td>Teaching/Learning Methodology</td><td>

Dissemination of knowledge through lectures and lab classes will be employed.

Lectures will be used to introduce the theoretical and practical knowledges of textile fabrics and their fabrication technologies. Guest speakers could be invited for speeches on creative uses of textile fabrics in the market.

Laboratory sections in weaving and knitting workshops will be used to have provide demonstration of fabric samples and fabric production machineries. Hands-on experience with manual weaving and knitting machines will also be accumulated aiming to build up a solid understanding of fabric formations and fabric designs.

This interactive approach will offer better opportunities for students to deepen their understanding of the taught knowledge and obtain hands-on experience in problem solving. Students will be asked to present solutions to critical problems that are encountered in the fashion and textile industries in the student-centred group projects.
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<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>

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<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="5">Intended subject learning outcomes to be assessed (Please tick as appropriate)</td></tr>
<tr><td>a</td><td>b</td><td>c</td><td>d</td><td>e</td></tr>
<tr><td>Continuous Assessment</td><td>100%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>1. Individual coursework</td><td>35%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>2. Lab assignment / report</td><td>20%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td></td></tr>
<tr><td>3. Innovative design project – problem identification, materials souring and</td><td>40%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
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	selection, solution development, presentation						
	4. Reflective Writing	5%				✓	✓
	Total	**100%**					

Explanation of the appropriateness of the assessment methods in assessing the intended learning outcomes:

Individual coursework shall include written assignment/small project reports, which is used to assess students' learning outcomes including structure, characteristics and end-uses of different fabrics. Student will be given opportunities to appreciate and evaluate the use of textiles in the market.

Lab assignment/reports will assess the students' understanding of techniques for different types of fabrics.

The innovative design project will assess students' ability to identify critical problems of textile products, concept development, and practical skills related to the development of innovative fashion products. Students will be asked to have the innovative uses of different types to textiles to address a problem of textile products. Students' professionalism, including communication and presentation skills, critical and creative thinking, and self-learning ability, will also be assessed.

With proper Honour Declaration and clear elaboration on the level of GenAI usage, students may adopt AI-assisted idea generation and structuring and AI-assisted editing in their submitted work. However, their original work with no AI content must be provided in an appendix.

It also includes a reflective writing (500-1,000 words) in Week 13, which students are encouraged to reflect the learning experience, observations, thoughts and insights. It contributes to 5% of the final grade.

Student Study Effort Expected	Class contact:	
	• Lecture	26 Hrs.
	• Laboratory	12 Hrs.
	Other student study effort:	
	• Assignment	39 Hrs.
	• Self-study	30 Hrs.

	Total student study effort	107 Hrs.
Reading List and References	Collier, Bille J; Bide, Martin J; Tortora, Phyllis G. (2009), *Understanding Textiles*, Prentice Hall, New Jersey. Macarena, San Martin (2010), *Future Fashion: Innovative Materials and Technologies*, Promopress, Barcelona, Spain Sinclair, Rose (2014), *Textiles and Fashion: Materials, Design and Technology*, Woodhead Publishing, Oxford, UK Baugh, Gail (2018), *The Fashion Designer's Textile Directory*, Quarto Publishing, London, UK Fashionary (2020), *Textilepedia*, Fashionary International, Hong Kong Kadolph, S.J., Marcketti, S.B. (2017), *Textiles.* Pearson Higher Education, USA. Hann, M. (2021), *Textile Design, products and process*, CRC Press, Florida	