Subject Description Form

Subject Code	**SFT343CD**
Subject Title	**Technical Design & Fitting**
Credit Value	**3**
Level	**3**
Pre-requisite/ Co-requisite/ Exclusion	Co-requisite: SFT325CD Bra Construction Exclusion: ITC3220I Fit Concepts
Objectives	The subject develops the competency in integrating the 3D body size and shape characteristics into the design and fitting issues of intimate apparel in different markets.
Intended Learning Outcomes	Upon completion of the subject, students will be able to: (a) critically evaluate, compare and apply the various methods used to assess body size and shape within the context of the design of intimate apparel; (b) integrate the human body structure with the shaping issues of intimate apparel; (c) diagnose 3D fitting problems and generate effective solutions for intimate apparel design and development; (d) apply the theories of fit in developing an investigation project and analysing, interpreting and presenting the results of their work, making the appropriate conclusions and recommendations.
Subject Synopsis/ Indicative Syllabus	**(I) Sense of Fit** Sense of 3D Sense of curve Sense of tension Sense of support Sense of shape Subjective fit assessment Bra fitting checklist **(II) Essence of Fit** Communications of common fit problems Diagnosis of fitting problems Possible solutions **(III) Sizing Systems** Body landmarks and measurements Sizing systems for intimate apparel

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(IV) Relationship Between Body Characteristics and Bra Pattern
Bra measurements
Pattern unpicking
Relationship between body measurements and bra measurements
Basic pattern amendment

(V) Body Shaping Effect
Interpretation of garment measurements on body
Shaping effect

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<tr><td>Teaching/Learning Methodology</td><td>Lectures will build up students' knowledge of intimate apparel fitting. The professional guest seminar will assist students in diagnosing various types of fitting problems and synthesizing optimal solutions. In the tutorials, students will apply different devices to measure the human body, and interpret the body size. Tutorials will provide students with up-to-date knowledge of the commercial fit technologies for various types of intimate apparel. Integrative project will provide research experience for students to critically evaluate and compare the various methods used to assess body size and shape, allow them to apply the theories in practice, execute fitting tests, analyse the data and present their academic reports.</td></tr>
<tr><td>Assessment Methods in Alignment with Intended Learning Outcomes</td><td>

<table>
<tr><td rowspan="2">Specific assessment methods/tasks</td><td rowspan="2">% weighting</td><td colspan="4">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></tr>
<tr><td>Continuous Assessment</td><td>100%</td><td>✓</td><td>✓</td><td>✓</td><td>✓</td></tr>
<tr><td>1. Tests</td><td>20%</td><td></td><td>✓</td><td></td><td></td></tr>
<tr><td>2. Fit Diagnosis</td><td>30%</td><td></td><td></td><td>✓</td><td></td></tr>
<tr><td>3. Integrative Project</td><td>50%</td><td>✓</td><td></td><td></td><td>✓</td></tr>
<tr><td>Examination</td><td>0%</td><td></td><td></td><td></td><td></td></tr>
<tr><td>Total</td><td>100%</td><td></td><td></td><td></td><td></td></tr>
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The tests will be used to assess student knowledge of the structure of the human body and the shaping issues of intimate apparel. The fit diagnosis will be an assignment to test students' ability in the diagnosis of 3D fitting problems and generation of solutions. The integrative project will evaluate how the students apply various methods to assess body shape and test their understanding of the fit theories.

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Student Study Effort Expected	Class contact:	
	• Lecture	12 Hrs.
	• Studio	26 Hrs.
	Other student study effort:	
	• Assignments	67 Hrs.
	Total student study effort	105 Hrs.
Reading List and References	**<u>Books</u>** Song, G. (Ed.) (2010), Improving Comfort in Clothing. Woodhead Publishing, Cambridge. Yu, W. & Fan, J. T., Ng, S. P. & Harlock, S. C. (Eds.) (2006), Innovation and Technology of Women's Intimate Apparel. Woodhead Publishing, Cambridge. Yu, W. (Ed.) (2016), Advances in Intimate Apparel Technology. Woodhead Publishing, Cambridge. **<u>Intimate Apparel Journal</u>** https://www-lib-polyu-edu-hk.ezproxy.lb.polyu.edu.hk/intranet-jn/b15241932/intimate-apparel-journal	