

Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Product Development

Title	Coordinate to evaluate material performance for product development
Code	108114L4
Description	Coordinate material performance evaluation to determine suitability for required fashion product end use. This applies to individuals who are required to experiment with different materials and analyse their performance to determine if they can meet the requirements at the product development stage.
Level	4
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Knowledge in the subject area</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • relate the material features and properties to fashion end use • define material features and properties in terms of performance requirements • understand the standard of material performance required by major markets • describe the evaluation methods for fashion materials (testing and inspection) • recognise the importance of material evaluation at the stage of product development <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • identify performance requirements based on the fashion product end use and design requirements • establish an evaluation plan for materials (e.g. test items, mock-up) • arrange the preparation of specimens for evaluation purposes • arrange with related parties (e.g. testing laboratory) to conduct the evaluation • review evaluation reports to determine the suitability of materials for making fashion products • suggest modifications or alternatives for materials so as to enhance fashion product performance or avoid problems in bulk production <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • provide unbiased advice on material selection based on objective data in evaluation reports
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> • Preparation of an evaluation plan for determining the performance of different fashion materials and their suitability for making fashion products. • Interpreting evaluation reports and recommending actions for material sourcing.
Remark	