

Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Material Development

Title	Develop new material specifications
Code	110272L4
Range	Develop technical specifications to guide the development of new materials in accordance with the requirements. This applies to individuals who are required to set material specifications in technical terms for achieving the requirements.
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"> • analyse the materials in terms of composition, structure and production • specify the requirements for materials in technical terms • explain the key components of technical specifications for materials • review the quality or technical standards for the materials <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • analyse the requirements for new material in different aspects (e.g. performance, construction, manufacturing, aesthetics) • convert the requirements into specifications with technical details which may include written description and graphic illustration • compare the specifications with relevant standards and similar products in the market and make adjustments when necessary • consult with related parties in the process of developing specifications and make adjustments where appropriate <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to</p> <ul style="list-style-type: none"> • have insight into trend of new material development • demonstrate a strong technical knowledge in specifying the material in accordance with its requirements
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> • Development of a technical specification for new material based on the requirements.
Remark	