

Specification of Competency Standards
for the Fashion Industry
Unit of Competency

Functional Area - Quality System & Sustainability

Title	Design sustainable products or processes
Code	108256L5
Description	Design sustainable products or processes for a fashion business. This applies to individuals who are required to support the design of a new product or process to achieve sustainable results.
Level	5
Credit	4
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"> • understand the overall organisational goals and direction with regard to sustainability • examine the importance and trend of sustainability in the fashion industry • critically evaluate the latest principles of sustainable design (e.g. cradle-to-cradle) • examine the common approaches and challenges for designing and developing sustainable fashion products • understand the techniques for reducing the environmental and social impacts of fashion products or production processes through skilful, sensitive and innovative design <p>2. Application and process</p> <p style="padding-left: 40px;">Be able to:</p> <ul style="list-style-type: none"> • consult relevant parties to identify product or process requirements • develop alternative product or process designs • test and determine possible sustainability impacts of different combinations of materials or process parameters • analyse the life cycle impacts of the product and the various sustainability impacts along the value chain • evaluate and select more sustainable design choices • confirm the design with designated personnel <p>3. Exhibit professionalism</p> <p style="padding-left: 40px;">Be able to:</p> <ul style="list-style-type: none"> • embrace sustainable fashion design from inspiration to innovation • explore ways to improve and optimise sustainability impacts on the environment and communities as well as costs of compliance
Assessment Criteria	<p>The integrated outcome requirements of this UoC are the abilities to accomplish:</p> <ul style="list-style-type: none"> • Design of new and sustainable products or processes for a fashion business to achieve sustainable results, which take into consideration the latest sustainable fashion design principles.
Remark	