

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Design

Title	Master the techniques for making small-scale prototypes of jewellery products
Code	108873L2
Range	This unit of competency is applicable to practitioners working in the jewellery design department of the jewellery industry. Practitioners should be capable of working in a familiar environment under supervision. They should be able to use simple materials to make prototypes of jewellery products, and/or draw 2-D and 3-D diagrams of jewellery models with 3-D computer software under instruction for the purposes of design reference and trial test.
Level	2
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Know about the instruments, materials and characteristics of mould-making for jewellery</p> <ul style="list-style-type: none"> • Know about the functions of various kinds of mould-making instruments, such as: <ul style="list-style-type: none"> ○ Rulers ○ Steel rulers ○ Scissors ○ Cutters ○ Slab ○ Pottery instruments • Know about the characteristics of various kinds of mould-making materials (e.g. clay, paper and paper boards), such as: <ul style="list-style-type: none"> ○ Malleability ○ Foldability ○ Elasticity • Know about the manufacturing characteristics of materials and instruments, such as: <ul style="list-style-type: none"> ○ The characteristics of materials ○ Disposition of instruments ○ Durability of materials ○ Moulding methods ○ Preserving methods <p>2. Make simple moulds</p> <ul style="list-style-type: none"> • Use various kinds of moulding instruments such as paper and clay to make simple prototypes of jewellery products. Moulding techniques such as: <ul style="list-style-type: none"> ○ Addition ○ Reduction ○ Separation ○ Combination <p>3. Professionalism</p> <ul style="list-style-type: none"> • Following the requirements of the organization, code of practice and safety guidelines, carry out the work related to making jewellery prototypes with a professional attitude
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> • Able to use basic moulding instruments and materials to make simple moulds to present the prototype, surface texture or colour of the design. This mould can assist designers to understand the external structure of the product in the course of design development and realization.

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