

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Know about relevant technologies for the development of jewellery products
2. Code	JLZZRD201A
3. Range	This unit of competency is applicable in jewellery companies or worksites. Practitioners should be capable to know about the scope and development of relevant technologies for the development of jewellery products, and can assist the staff concerned to develop jewellery products.
4. Level	2
5. Credit	6
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Understand relevant technologies for product development ♦ Know about the basic technology relevant to the development of various jewellery products and their functions:</p> <ul style="list-style-type: none"> • The characteristics, application, development and improvement in materials technology • Manufacturing technology <ul style="list-style-type: none"> ▸ Compare the pros and cons of different jewellery manufacturing technologies, their application and effect, development and improvement ▸ Know about the characteristics of traditional and modern technology applicable to the development of jewellery products • Basic knowledge of supplementary technology

	<ul style="list-style-type: none"> ▸ Collect information and analyze supplementary technology ▸ Relevant supplementary technology such as Computer-aided Design (CAD), Computer-aided Manufacturing (CAM) and various testing technologies <p>6.2 Apply product development technologies</p> <ul style="list-style-type: none"> ◆ Capable to apply a range of basic materials, manufacturing and supplementary technologies to help perform the duty of product development under instruction
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to know about the scope and development of various basic materials, manufacturing and supplementary technologies, and effectively help perform the duty of product development under instruction.</p>
8. Remarks	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses basic knowledge about jewellery manufacturing materials and manufacturing workflow.</p>