

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Design □

Title	Use various kinds of jewellery materials in jewellery design
Code	108891L4
Range	This unit of competency is applicable to designers working in the jewellery design department of the jewellery industry. Practitioners should be capable of making careful analysis and judgment. They should also be able to match different jewellery and materials independently, and apply such knowledge in jewellery design.
Level	4
Credit	3
Competency	Performance Requirements 1. Know about the different materials, shapes and characteristics of jewellery/jade • Know about the different cuts of precious gemstones and semi-precious gemstones/coloured gemstones/jade, such as: ○ Diamonds (brilliant-cut, princess-cut) ○ Semi-precious gemstones/coloured gemstones (faceted, oval) ▪ Ruby and sapphire (faceted, oval/star) ▪ Emerald (emerald-cut, oval) ○ Jade/Fei Cui/Jade motif ornaments • Know about the characteristics of different kinds of precious gemstones and semi-precious gemstones/coloured gemstones/jade to facilitate the design of jewellery, such as: ○ Hardness ○ Tenacity ○ Cleavage ○ Colour ○ Dispersion ○ Various shapes ○ Maintenance and treatment • Know about the shapes and characteristics of metal/non-metal materials used in jewellery design, such as: ○ Non-ferrous metals ○ Ferrous metals ○ Natural organic materials ○ Plastic and rubber products 2. Disposition of jewellery and materials • Make use of the cuts, shapes and characteristics of various kinds of precious gemstones and semi-precious gemstones/coloured gemstones/jade: ○ To design various kinds of jewellery ○ To enhance the aesthetic perception and value • Make use of various materials to design jewellery, such as leather strings, pendants and ornaments 3. Professionalism • Respect intellectual property and avoid plagiarism, preventing individuals and the organization from falling into the trap of infringement of intellectual property rights
Assessment Criteria	The integrated outcome requirements of this unit of competency are:

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	• Able to master the shapes and characteristics of various kinds of precious gemstones and semi-precious gemstones/coloured gemstones/jade/Fei Cui, as well as metals/non-metals; and • Select and make use of different kinds of jewellery and materials independently to design various kinds of jewellery patterns.
Remark	