

Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Design

Title	Master basic 3-D hand-drawing techniques for jewellery products
Code	108874L2
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 employ hand-drawing techniques to present the 3-D patterns of jewellery products.
Level	2
Credit	3
Competency	<p>Performance Requirements</p> <p>1. Know about the perspective principles and the techniques of altering 3-D space</p> <ul style="list-style-type: none"> • Know about perspective and projection • Know about the following two perspective principles: <ul style="list-style-type: none"> ○ One-point perspective ○ Two-point perspective • Know what a vanishing point, eye line, vision and cone are, as well as their interrelationships • Know about the drawing techniques and structure of one-point and two-point perspective • Know about the composition of the golden section, such as: <ul style="list-style-type: none"> ○ Various proportions ○ Composition of rectangles ○ Composition of triangles ○ Composition of ovals • Know about the techniques of altering 3-D space, such as: <ul style="list-style-type: none"> ○ Addition and subtraction ○ Distortion ○ Enlargement ○ Reduction ○ Radiation <p>2. Bring out the 3-D effect of jewellery patterns</p> <ul style="list-style-type: none"> • Employ the technique of basic 3-D structure and the line frame in one-point or two-point perspective to present the external design of jewellery products and their spatial relationships; create variations by using methods such as addition, subtraction, distortion, enlargement, reduction and radiation to present different 3-D patterns, visual effects, sizes of design products, their spatial relationships, etc. • Master the use of perspective and projection to present the 3-D effect of jewellery patterns <p>3. Professionalism</p> <ul style="list-style-type: none"> • Respect intellectual property and avoid plagiarism when assisting in design-related duties, preventing individuals and the organization from falling into the trap of infringement of intellectual property rights
Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <ul style="list-style-type: none"> • Able to employ hand-drawing techniques to draw simple 3-D jewellery design patterns, and present the 3-D effect, space and size of the design products under instruction.
Remark	