Specification of Competency Standards
for the Jewellery Industry
Unit of Competency

Functional Area - Technology Support

Title	Apply the supporting techniques of computer technology in the jewellery industry
Code	108974L4
Range	This unit of competency is applicable to practitioners working in the relevant department of the jewellery industry. Practitioners should be capable of making careful analysis and judgments. They should be able to master the information on the latest supporting techniques of computer technology in the jewellery industry, and apply the techniques suitable to be employed and developed in the organization after analysis, so as to achieve effective management and production to enhance economic efficiency.
Level	4
Credit	9
Competency	Performance Requirements 1. Know about the commonly used computer systems and software in the jewellery industry - Know about the characteristics, strengths and weaknesses of the commonly used computer systems in the jewellery industry, including: - Computer-aided industrial design (CAID) - Computer-aided design (CAD) - Computer-aided manufacturing (CAM) - E-commerce - Master the latest computer systems, software and supporting techniques in the jewellery industry - Understand the relation between technological support and corporate operation, such as: - Compatibility of equipment - Cost effectiveness - Meeting with the production workflow 2. Apply the supporting techniques of computer technology in the jewellery industry - Apply the supporting techniques of computer technology to support the operation and production in the jewellery industry, so as to enhance economic efficiency, such as: - Establish databases and build parts libraries - Obtain data and information through technological information to facilitate job duties such as design, product development, production management, quality management, operational management and marketing - Monitor the performance of computer systems at every level 3. Professionalism - Avoid plagiarism when collecting information on the latest computer technology in the industry to prevent 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: - Able to master the supporting techniques of computer technology in the jewellery industry, and apply the techniques suitable to be employed and developed in the organization after analysis, so as to provide effective technological support to the operation of the organization; and - Effectively monitor the operation of computer systems at every level.
Remark	