

Specification of Competency Standards for the Jewellery Industry
Unit of Competency

1. Title	Apply the supporting techniques of computer technology in the jewellery industry
2. Code	JLZZTS402A
3. Range	This unit of competency is applicable in jewellery outlets, jewellery worksites or related workplaces. Practitioners should be capable 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 making analysis, so as to achieve effective management and production to enhance economic effectiveness.
4. Level	4
5. Credit	9
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Know about the commonly used computer systems and softwares in the jewellery industry</p> <ul style="list-style-type: none"> ◆ Know about the characteristics, strengths and weaknesses of the commonly used computer systems in the jewellery industry, including: <ul style="list-style-type: none"> • Computer-Aided Industrial Design (CAID) • Computer-Aided Design (CAD) • Computer-Aided Manufacturing (CAM) • E-commerce, e-service and e-marketing ◆ Master the latest computer systems, softwares and supporting techniques in the jewellery industry ◆ Understand the relation between technological support and corporate operation, such as: <ul style="list-style-type: none"> • The compatibility of equipments • Cost effectiveness • Meet production workflow

	<p>6.2 Apply the supporting techniques of computer technology in the jewellery industry</p> <p>◆ Apply the supporting techniques of computer technology to support the operation and production in the jewellery industry, so as to enhance economic effectiveness, such as:</p> <ul style="list-style-type: none"> • Establish data base and build up parts library • 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 on each level
<p>7. Assessment Criteria</p>	<p>The integrated outcome requirements of this unit of competency are:</p> <p>(i) Capable 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 making analysis, so as to provide effective technological support to the operation of the organization; and</p> <p>(ii) Capable to effectively monitor the operation of computer systems on each level.</p>
<p>8. Remarks</p>	<p>The credit value of this unit of competency is set on the presumption that the person concerned already possesses knowledge on the commonly used computer systems and softwares in the jewellery industry.</p>