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SECTION A:	QUALIFICATION DETAILS
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QUALIFICATION DEVELOPER (S)		Ministry of Employment, Labour, Productivity and Skills Development							
TITLE	Certificate III in Jewellery Design and Manufacturing						NCQF LEVEL	3	
FIELD	Culture, Arts and Crafts		SUB-FIELD	Jewellery Design & Manufacturing			CREDIT VALUE	40	
New Qualification				√	Review of Existing Qualification				
SUB-FRAMEWORK		General Education			TVET		√	Higher Education	
QUALIFICATION TYPE	Certificate	I	II	III	√	IV	V	Diploma	Bachelor
	Bachelor Honours			Post Graduate Certificate				Post Graduate Diploma	
	Masters					Doctorate/ PhD			

RATIONALE AND PURPOSE OF THE QUALIFICATION

Rationale

The Botswana Vision 2036 states that the development of the human capital, the informal sector, and the micro & small enterprises (MSES) are essential in achieving the VISION 2036 pillars, Sustainable Economic Development and Human and Social Development. Although Botswana has been fortunate to experience unprecedented economic growth since independence, this has not generated enough jobs to reduce unemployment. The most severely hit group amongst the unemployed is the youth, who account for about 51.7 % of the total unemployed, with the 15-19 age group most affected. Therefore, the target group for enrollment will be mostly the youth who are unemployed

According to Human Resources Development Council Document of 2016 Jewellery Design and Manufacturing Artisans is one of the listed occupations in demand under Engineering and Manufacturing Sector in Botswana. Similarly, Vision 2036 calls for the development of human capital in the informal sector and small enterprises (SME) in efforts to achieve Sustainable Economic Development. Botswana's Jewellery Design and Manufacturing industry is still at an infant stage thus forms part of the SME and informal sectors. Job market entrants, especially within the informal sector, often have little or no exposure to jewellery design and manufacturing, therefore often become unsuccessful in this sector.

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Furthermore, Dr Venson-Moitoi said as part of the national strategy to reduce reliance on primary resources through the development of value-adding processes, government encourages downstream diamond industries or diamond beneficiation from cutting to polishing to jewellery manufacturing in Botswana. “However, the domestic fine jewellery market is still small by international standards and the objective of fully implementing the jewellery sector in Botswana is not yet achieved, BOPA (Sep 07, 2014), through industrial consultation the Department of Skills Development introduce Jewellery Design qualification to address these needs as identified.

PURPOSE:

The purpose of the qualification is to equip candidates with knowledge, skills and competence to:

- Produce basic jewellery designs.
- Use a range of cutting tools, equipment, materials, and resources for jewellery manufacturing, in line with health and safety regulations.
- Select primary and secondary colours of different effects.
- Apply techniques that consider shape, volume and wearability, texture, surface decoration and finishing in relation to jewellery manufacturing.

ENTRY REQUIREMENTS (including access and inclusion)

Minimum entry requirement for this qualification is a:

NCQF level 2, Certificate II (General Education or TVET) or equivalent

Access through Recognition of Prior Learning (RPL):

There will be provision for access through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer System (CATS) in accordance with the RPL and CATS National Policies.

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SECTION B QUALIFICATION SPECIFICATION	
GRADUATE PROFILE (LEARNING OUTCOMES)	ASSESSMENT CRITERIA
1.0 Communicate with clients, colleagues and others using appropriate forms of communication techniques.	1.1 Use written, verbal, non-verbal communication appropriate to the target audience. 1.2 Interpret stipulated instructions or requirements 1.3 Apply information acquired in the performance of tasks or discussions with other people 1.4 Apply relevant definitions, terminology, abbreviations and language. 1.5 Present information using appropriate language and formats. 1.6 Construct clear sentences to produce a written logical and coherent piece of writing. 1.7 Use appropriate presentation formats and styles of writing to produce error free business documents.
2.0 Utilise Information and Communications Technology (ICT) for information retrieval and processing as well as communication and collaboration with others	2.1. Use ICT responsibly and ethically. 2.2. Manage information using ICT. 2.3. Communicate and collaborate locally and globally using ICT. 2.4. Research, access and retrieve information using ICT. 2.5. Gather, analyse and organise data and information using ICT 2.6. Organise and synthesise information using ICT. 2.7. Implement data loss prevention strategies using ICT 2.8. Present information in a variety of formats using ICT 2.9. Implement data loss prevention strategies using ICT. 2.10. Present information in a variety of formats using ICT.
3.0 Select and use appropriate tools and equipment safely on specific jewellery materials, paying attention to the material properties and job specifications.	3.1 Use safely the hand tools, machinery and other equipment used in the jewellery workshop 3.2 Use safely Chemicals and consumables used in the jewellery workshop 3.3 Classify materials according to their source.

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	3.4 Identify properties of in relation to performance. 3.5 Prepare jewellery materials board.
4.0 Demonstrate knowledge and understanding of the principles and elements of art	4.1. Apply appropriate use of various media 4.2. Use specified visual elements 4.3. Investigate visual expression through colour 4.4. Research symbolism in art, craft, and design
5.0 Demonstrate the ability of using beads in jewellery	5.1 Investigate beads and beading techniques used in jewellery and body adornment. 5.2 Apply different beading techniques. 5.3 Develop a contemporary design for a piece of jewellery based on beading techniques. 5.4 Produce a contemporary piece of jewellery based on beading techniques
6.0 Perform basic drawing and illustration techniques for jewellery design.	6.1 Apply basic jewellery drawing construction techniques 6.2 Produce a two-dimensional rendered jewellery drawing in pencil and colour 6.3 Produce a technical drawing of a jewellery piece

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SECTION C		QUALIFICATION STRUCTURE			
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total (Per Subject/ Course/ Module/ Units)
		Level [3]	Level []	Level []	
FUNDAMENTAL COMPONENT Subjects/ Courses/ Modules/Units	Communication Skills	3			3
	Information and Communications Technology (ICT)	3			3
CORE COMPONENT Subjects/Courses/ Modules/Units	Introduction to jewellery workshop	13			13
	Introduction to bead work	8			8
	Fundamental of Arts and Design	6			6
	Jewellery Drawing 1	7			7
ELECTIVE COMPONENT Subjects/Courses/ Modules/Units	N/A				
	TOTAL CREDITS				40

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SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL	
TOTAL CREDITS PER NCQF LEVEL	
NCQF Level	Credit Value
Fundamental components	6
Core components	34
Elective components	0
TOTAL CREDITS	40
Rules of Combination:	
(Please Indicate combinations for the different constituent components of the qualification)	
Candidates are required to achieve a minimum of 40 credits for the qualification inclusive of 6 credits for fundamental units and 34 credits for core units.	

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ASSESSMENT ARRANGEMENTS
<p>ASSESSMENT ARRANGEMENTS</p> <p>All assessments, formative and summative, leading/contributing to the award of credits or a qualification should be based on learning outcomes and/or sub-outcomes.</p> <p>Formative assessment</p> <p>Formative assessment or continuous assessment contributing towards the award of credits should be based on course outcomes. The contribution of formative assessment to the final grade shall be 60%.</p> <p>Summative assessment</p> <p>Learners shall undergo assessment including written and practical and simulated projects. The final examination for each course contributes 40% of the final mark for that course.</p>
MODERATION ARRANGEMENTS
<p>MODERATION ARRANGEMENTS</p> <p>Internal and external moderators to be engaged will be BQA accredited subject specialists in relevant fields with relevant industry experience and academic qualifications. Both internal and external moderation shall be done in accordance with applicable policies and regulations.</p>
RECOGNITION OF PRIOR LEARNING
<p>Candidates may submit evidence of prior learning and current competence and/or undergo appropriate forms of RPL assessment for the award of credits towards the qualification in accordance with applicable RPL policies and relevant national-level policy and legislative framework. Implementation of RPL shall also be consistent with requirements, if any, prescribed for the field or sub-field of study by relevant national, regional or international professional bodies.</p>
CREDIT ACCUMULATION AND TRANSFER
<p>Candidates may submit evidence of credits accumulated in related qualification in order to be credited for the qualification they are applying for.</p>
PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)
<p>Learning pathways</p>

Horizontal Articulation

- Certificate III in makeup artistry
- Certificate III in Fashion design
- Certificate III in Body artist

Vertical Articulation

- Certificate IV in jewellery Design and Manufacturing

Employment Pathways

Graduates may pursue the following job titles but not limited to;

- Studio jewellery artist helper
- Workshop attendant in jewellery workshop
- Jewellery tradesperson
- Polish and clean jewellery

QUALIFICATION AWARD AND CERTIFICATION

Minimum standards of achievement for the award of the qualification

A candidate is required to achieve the stipulated minimum of 40 credits inclusive of 6 credits for total fundamental and 34 credits of core components to be awarded the qualification.

Certification


Candidates meeting prescribed requirements will be awarded **Certificate III in Jewellery Design and Manufacturing** certificate in accordance with standards prescribed for the award of the qualification and applicable policies.

REGIONAL AND INTERNATIONAL COMPARABILITY

Infundiso Skills Development - Gauteng, South Africa

Certificate in Jewellery manufacturing - Level 2 - 134 credits

This qualification is intended to develop knowledge, skills and competence in Application of knowledge, skills and competency in occupational health safety, Preparation and setup of jewellery tools materials and equipment, manufacturing of jewellery using a non-precious materials and problem solving. Assessment

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strategies employed for this qualification emphasize Integrated Assessment covering both knowledge and performance based learning tasks, Evidence to be presented for RPL assessments includes Reports, Testimonial Monitoring functions performed, work records, portfolios, Videos of practice and performance records. Candidates are required to achieve a minimum of 134 credits inclusive of 36 credits for fundamental units, 89 credits for core and 09 credits for elective units. Holders of this qualification may pursue other qualifications such as Certificate in Jewellery Manufacturing in a Production Environment. They may also pursue qualifications such as General Education and Training, Certificate in Mining and Mineral Processes (Jewellery stream), National Certificate: Jewellery Production Management, Manufacture of jewellery and Jewellery Designing. Employment pathways for the qualification holders include working as Jewellery Production Operators.


New Zealand School of Art and Fashion Limited – Auckland, New Zealand

Certificate IV in Jewellery (Level 4) 60 credits

This qualification is intended to develop knowledge, skills and competence in understanding of relevant health, ethical, and cultural, construction of jewellery, jewellery design production Processes ,History of art, craft and Safe work practices . Assessment strategies employed for this qualification emphasises a portfolio, graduate feedback, stakeholder feedback, TEO moderation and benchmarking across common programmes. This qualification holder may pursue other qualifications t such as National Certificate in Education Achievement (NCEA) Level 2, Certificate in Digital Media and Design (Level 3, Certificate in Arts and Design (Level 3), Certificate in Arts and Design (Level 4). Graduates of this qualification may pursue qualifications at diploma or degree level in the fields of creative arts for upgrading purposes. Employment pathways for the qualification holders include working as an apprentice or industry bench hand.

The foreign qualifications examined are generally comparable in relation to exit outcomes, content scope and assessment strategies. The differences noted are that SAQA qualification has RPL while the NZQA qualification is silent about RPL assessment.

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This qualification compares well with the foreign qualifications studied in terms of exit outcomes, structure, and content scope.

REVIEW PERIOD

This qualification shall be reviewed every 5 years.

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