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		Issue No.	01
		Effective Date	04/02/2020

SECTION A: QUALIFICATION DETAILS														
<b>QUALIFICATION DEVELOPER (S)</b>		Limkokwing University of Creative Technology												
<b>TITLE</b>	Certificate V in Textile Design										<b>NCQF LEVEL</b>	5		
<b>FIELD</b>	Manufacturing, Engineering and Technology			<b>SUB-FIELD</b>		Textile Design				<b>CREDIT VALUE</b>	126			
New Qualification						✓		Review of Existing Qualification						
<b>SUB-FRAMEWORK</b>		General Education			TVET		✓		Higher Education					
<b>QUALIFICATION TYPE</b>	Certificate	I	II	III	IV	V	✓	Diploma	Bachelor					
		Bachelor Honours			Post Graduate Certificate				Post Graduate Diploma					
		Masters				Doctorate/ PhD								
<b>RATIONALE AND PURPOSE OF THE QUALIFICATION</b>														
<p><b>1.1 Rationale</b></p> <p>Textile design is the art of planning and producing fabric's appearance and structure, it involves the design and manufacture of textiles, weaves, colours selection, creating patterns, printing on fabrics, dyeing and colouring and choosing the right materials for various garments. Textiles are often made through traditional methods like sewing, weaving, and knitting. Over the years depending on the geographical location and period, every culture has its own distinct textiles with favourite fibres, patterns, and colours.</p> <p>The textile design incorporates all the production activities involved in the development and manufacture of apparel items for men, women and children. These include the manipulation and experimentation of textiles</p>														

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and trims to generate ideas that will then be translated into three-dimensional form through pattern drafting and/or draping and sewing. Many cultures around the world have distinct methods of making textiles by using materials available to them. Some have become very famous over the centuries like Chinese silks or Turkish rugs.

### 1.1.1 National Planning Developments Strategies

The Ministry of Trade and Industry has rolled out a National Strategy that is geared at resuscitating the textile and clothing industry. The textile & clothing sector was identified as one of the Economic Diversification Drive (EDD) priority sectors that can contribute to economic diversification. However, it is the sub-sector *“Clothing or Apparel or Garment”* within the textile industry that has the potential to be upgraded into a viable and competitive manufacturing sector because this is the area within the Sector’s value chain where Botswana has the comparative and competitive advantage.

The need for people to acquire a vocational qualification, and especially basic foundation qualification in Textile Design has been demonstrated and shown through various policies of education, economic diversification plans, Botswana development visions, such as vision 2016, and other policies, for example:

According to a report titled **“2002 A frameworks for a long-term vision for Botswana** “The importance of technical training must be stressed throughout the education system. A more difficult task is, however, to emphasize the importance of technical skills to the economy, and to upgrade the status of those who are employed in technical jobs (HRDC Report).

### 1.1.2 Economic Importance

The textile and clothing sub-sector is very important for Botswana’s economy because it is the country’s third source of export revenue. It is also a source of employment, especially for women and youth. The textile and clothing sector has favourable export markets, especially to South Africa (because of the SACU Common External Tariff. The European Union has granted Botswana favourable preferential margins under the SADC-EC EPA. Botswana also has the duty free-quota free market access to the United States under the Africa Growth Opportunity Act (AGOA). The textile and clothing sector is currently given prominence in the SACU and SADC Industrial Policies in view of its export and employment creation potential. The upgrading of the manufacturing

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sector is also in the light of the realization of our National Vision 2016 to achieve the goals of a Prosperous and Innovative Nation. All the above point to the advantageous position Botswana's textile and clothing sub-sector has regionally and globally.

The National Human Resources Development Strategy (NHRDS), through its strategic plan 2009-2022 (MOSD, 2009) "Realizing our Potentials" provides the basis for matching skills with national labour market requirements. The strategic plan also provides for promoting individuals' potential to advance and contribute to economic and social development. This strategy reflects the government realization that it is an essential requirement to move Botswana's development trajectory forward. Increasing citizen ownership of and participation in economic activities of the country is one of the cardinal objectives of Vision 2016 and 2036. The vision points to the need to create job opportunities through diversification of the economy into the services sector and the manufacturing industry.

### **1.1.3 Current and Future Trends for Fashion Design**

The Textile industry is a growing and dynamic industry. Botswana is getting more and more involved in local and international events and activities such as cultural events, weddings, entertainment, sports, beauty pageants and many others. All these events require unique textiles designs, patterns and prints that could be associated with cultural identities. Involvement in these events has led to a rise in the demand for well versed, creative and experienced textile designers. For Botswana to compete and make a valued contribution in the dynamic textile industry, the development of creative expertise, as well as effective business skills, is critical. This qualification in textile design aims to maximize the learner's creative and cognitive potential for effective and successful service delivery. The knowledge and skills acquired through the qualification will facilitate expansion and development in the textile industry. Textile design is vital in people's lives as everyone has to make at least one decision that is textile and fashion related daily.

## **1.2 Purpose**

The purpose of this qualification is to produce graduates with knowledge, skills, and competencies to:

- Conduct basic research to determine the textile industry trends through the development of a trend forecast project.
- Generate ideas and carry out a range of activities in screenprint, weaving and machine knitting based on relevant technical specifications.

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- Create patterns and print designs on fabrics.
- Apply textile construction techniques to produce well-constructed garments according to design brief.
- Demonstrate knowledge of the use of dyes and pigments within the printing process.

#### **1.0. ENTRY REQUIREMENTS (including access and inclusion)**

##### **▪ Normal Requirements**

- Certificate III, NCQF level 3 (General Education or TVET) with Recognition of Prior Learning equivalent to at least 40 credits at NCQF level 4.

##### **▪ CAT and RPL**

- CAT and RPL will be applicable for entry and inclusion for this qualification.
- Access through RPL will be done in accordance with the National RPL Policy.

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<b>SECTION B</b>		<b>QUALIFICATION SPECIFICATION</b>	
<b>GRADUATE PROFILE (LEARNING OUTCOMES)</b>		<b>ASSESSMENT CRITERIA</b>	
1. Conduct basic textile research to determine the textile industry needs.		1.1	Design research tools used in textile industry customer study.
		1.2	Select appropriate research tool for various textile research in the organization.
		1.3	Provide actionable recommendations for opportunities that support textile business objectives.
2. Develop yarns, fabrics and textiles for textile markets.		2.1	Create fabrics from yarns.
		2.2	Design manmade fibres.
		2.3	Compile a fabric glossary made up of fabric swatches.
		2.4	Select fibres through burning test and microscopic inspection.
		2.5	Test textile strength and performance under various condition for clientele.
		2.6	Classify fabric swatches according to the construction of weaves.
3. Demonstration knowledge on textile printing in the industry.		3.1	Prepare textile for printing.
		3.2	Prepare surface for different kinds of textile printing in the workplace.
		3.3	Execute the processes involved in printed textile design and construction.
		3.4	Use colour and balance in print design work inline with client preference.
		3.5	Evaluate an appropriate printing technique.

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	3.6	Execute a simple screen print on fabric for clients.
4. Apply practical knowledge and skills in textile designing in the field.	4.1	Examine textile composition, nature and finishes for the various fashion designs and garments.
	4.2	Use appropriate equipment for various processes of textile designing.
	4.3	Interpret patterns correctly.
	4.4	Use elements and principles of textile design, construction, and/or altering end products in design projects.
	4.5	Develop design inspiration.
	4.6	Evaluate performance characteristics of fibers, fabrics, and finishes.
	4.7	Analyze the effects of textile characteristics on the design and construction of products.
	4.8	Select fabric and pattern based on performance characteristics of fibers, fabrics, and finishes care and use.
5. Perform basic sewing skills in textile and fashion Industry	5.1	Plan the sewing process.
	5.2	Thread and unthread a sewing machine.
	5.3	Join pieces of fabric together using a sewing machine.
6. Apply basic entrepreneurial skills to solve textile business problems	6.1	Develop business plan for a textile business.
	6.2	Interpret basic financials of a textile business
	6.3	Generate business ideas & innovation using professional thinking tools.
	6.4	Perform day to day activities of a textile business
7. Conduct basic marketing involved in marketing of textile products.	7.1	Design marketing tools for client's appreciation.
	7.2	Carry out marketing activities to sell textile ideas to clients.

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	<p>7.3 Evaluate effectiveness of a marketing tool in the industry.</p> <p>7.4 Present the findings of a marketing activity to an organization.</p> <p>7.5 Use appropriate textile laundering techniques.</p> <p>7.6 Interpret care symbols and demonstrate to clients.</p>
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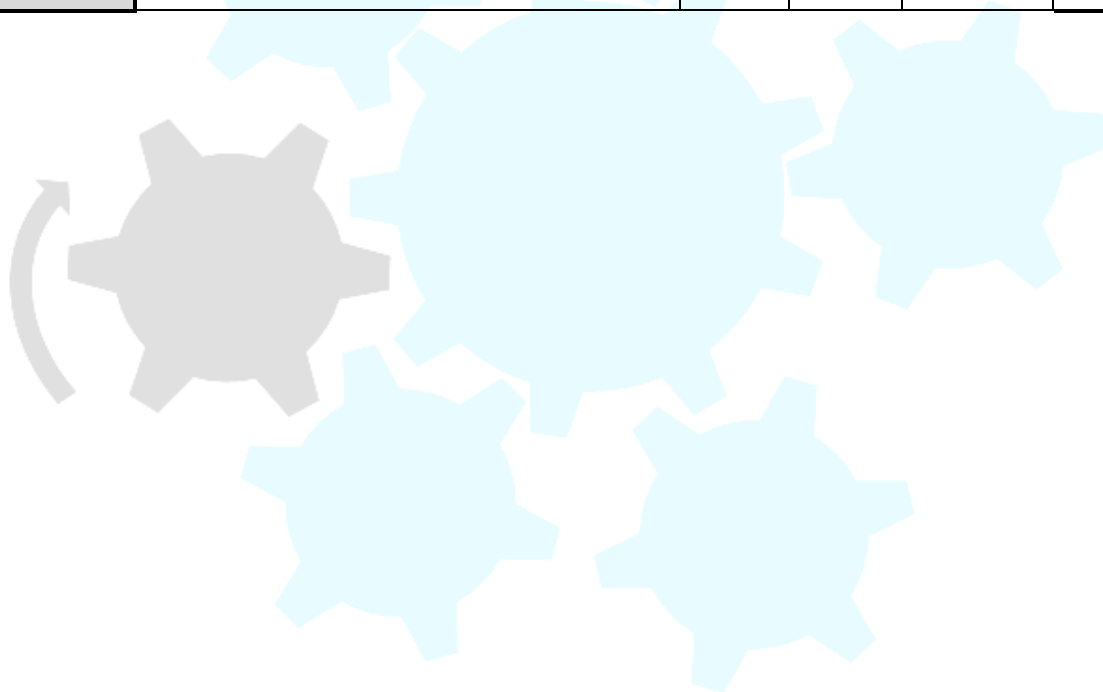
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<b>SECTION C</b>	<b>QUALIFICATION STRUCTURE</b>				
<b>COMPONENT</b>	<b>TITLE</b>	<b>Credits Per Relevant NCQF Level</b>			<b>Total (Per Subject/ Course/ Module/ Units)</b>
		<b>Level (4)</b>	<b>Level (5)</b>	<b>Level (6)</b>	
<b>FUNDAMENTAL COMPONENT</b> <i>Subjects/ Courses/ Modules/Units</i>	Drawing for Textiles		10		<b>10</b>
	Introduction to Sewing Skills	<b>10</b>			<b>10</b>
	End user Computing		10		<b>10</b>
	Introduction to textile Business Management	<b>10</b>			<b>10</b>
<b>CORE COMPONENT</b> <i>Subjects/Courses/ Modules/Units</i>	Batik & Dyeing Techniques		12		<b>12</b>
	Textile Accessories & Craft	<b>12</b>			<b>12</b>
	Contextual Research and Presentation skills		10		<b>10</b>
	Textile Printing		12		<b>12</b>
	Decoration Fabrics		10		<b>10</b>
	Textile Science		10		<b>10</b>
	Introduction to textile Industry		10		<b>10</b>



 <b>BOTSWANA</b> Qualifications Authority	<b>BQA NCQF QUALIFICATION TEMPLATE</b>	Document No.	DNCQF.QIDD.GD02
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<b>ELECTIVE/ OPTIONAL COMPONENT</b>  <i>Subjects/Courses/ Modules/Units</i>	Textile Marketing		10		<b>10</b>
	Garment Construction		10		<b>10</b>



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<b>SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL</b>	
<b>TOTAL CREDITS PER NCQF LEVEL</b>	
<b>NCQF Level</b>	<b>Credit Value</b>
Fundamental Component: Level 4 20 Credits Fundamental Component: Level 5 20 Credits	40
Core Component: Level 4 - 12 Credits Level 5 – 64 Credits	76
Elective Components: Level 5- 10 Credits	10
<b>TOTAL CREDITS</b>	<b>126</b>
<b>Rules of Combination:</b> <b>(Please Indicate combinations for the different constituent components of the qualification)</b>	
<p>In order to successfully complete the qualification, the candidate must:</p> <ul style="list-style-type: none"> <li>• Complete all 4-fundamental component: <b>40 Credits</b></li> <li>• Complete all 7-core component: <b>76Credits</b></li> <li>• Complete 1 Elective component: <b>10 Credits</b></li> </ul> <p>The total credits combined for this qualification is <b>126</b></p>	

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## **ASSESSMENT ARRANGEMENTS**

The qualification will encompass both formative and summative assessment, which will be designed by assessors who are BQA accredited.

The weightings for the assessments will be as follows;

<b>Assessment Method</b>	<b>Weight</b>
Formative Assessments	60
Summative Assessments	40

## **MODERATION ARRANGEMENTS**

There will be internal and external moderation undertaken by moderators registered and accredited by BQA. All processes and procedures will be in line with NCQF requirements. This will be conducted in reference to the institution's moderation policy and procedures.

## **RECOGNITION OF PRIOR LEARNING**

The Qualification will be awarded through RPL and CAT in line with national policy on RPL as well as well-established ETP policy on recognition of prior learning and credit accumulation and transfer policy

## **CREDIT ACCUMULATION AND TRANSFER**

The Qualification will be awarded through RPL and CAT in line with national policy on RPL as well as well-established ETP policy on recognition of prior learning and credit accumulation and transfer policy

## **PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)**

This qualification allows learners to progress in different levels, from horizontal, vertical and diagonally across similar qualifications.

### **3.1 Horizontal Progression**

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Students may progress horizontally between qualifications if they meet the minimum requirements for admission to the target qualification. Other comparable qualification at certificate level include,

- Certificate in Accessories Design
- Certificate in Fashion Design
- Certificate in Textile printing
- Certificate in Fine Art
- Certificate in dyeing, colouring and batik

### 3.2 Vertical Progression

- Diploma in Accessories Design
- Diploma in Textile Printing
- Diploma in Fashion Design
- Diploma in Fashion Marketing
- Diploma in Fashion and Textile Design

### 3.3 Diagonal Progression

Students may progress diagonally between qualifications by presenting a completed Qualification or credits towards a qualification in a similar study area and must meet the minimum requirements for admission to this qualification, which they will often do by virtue of the credits obtained towards an equivalent qualification.

## QUALIFICATION AWARD AND CERTIFICATION

To qualify for qualification award and certification, a learner must

- Attain a minimum of 126 credits overall, including a maximum of 32 credits at Level 4.
- Complete satisfactorily any additional and specified requirements of the qualification.

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- Have official verification that he/she has covered and passed all the modules

A certificate will be awarded on completion of the Qualification Certificate V in Textile Design

### **REGIONAL AND INTERNATIONAL COMPARABILITY**

Currently there is no institution that offers Certificate V or equivalence of Textile Design Certificate in Botswana for benchmarking purposes. The closest national related qualification are the National Craft Certificate (NCC) which is offered in Brigades, and the level 2 and 3 offered by Textile and Clothing Institute of Botswana, but all these are fashion not textile related. The table below shows one regional and two international comparable qualifications to our proposed qualification.

Comparable Universities are;

- Stellenbosch Academy of Design Photography (South Africa)
- Liberties College, Dublin (Ireland)
- Scottish Qualification Authority (SQA) (Scotland)

For detailed information of comparability, refer to the attached Matrix

### **REVIEW PERIOD**

Every five (5) years