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		Issue No.	01
		Effective Date	04/02/2020

SECTION A: QUALIFICATION DETAILS													
QUALIFICATION DEVELOPER (S)		UNIVERSITY OF BOTSWANA											
TITLE	Bachelor of Education in Family and Consumer Sciences										NCQF LEVEL	7	
FIELD	Education and Training		SUB-FIELD		Training					CREDIT VALUE	480		
New Qualification					<input checked="" type="checkbox"/>		Review of Existing Qualification						
SUB-FRAMEWORK		General Education		<input type="checkbox"/>		TVET		<input type="checkbox"/>		Higher Education		<input checked="" type="checkbox"/>	
QUALIFICATION TYPE	Certificate	I	II	III	IV	V	Diploma	Bachelor	<input checked="" type="checkbox"/>				
	Bachelor Honours		Post Graduate Certificate		Post Graduate Diploma								
	Masters					Doctorate/ PhD							
RATIONALE AND PURPOSE OF THE QUALIFICATION													
<p>RATIONALE: Sustainable development calls for ending poverty, promoting prosperity and enhancing the well-being of society at large. Family and Consumer Science (FCS) skills are critical for the social and economic upliftment of individuals, families, and communities and to have informed consumers. The FCS qualification is skill based in concert with the Education and Training Sector Strategic Plan (ETSSP) 2015-2020's strategic priority of strengthening skills development (Botswana Government, 2015). In addition, the FCS qualification is in line with the country's shift to a knowledge economy. It aims to equip graduates with knowledge and skills relevant to education setting, which include curriculum development, curriculum implementation, pedagogical approaches, social and economic development (e.g. poverty eradication, early childhood care and education, and training of teachers) as outlined in ETSSP Chapters 2, 3 and 4 and National Development Plan 11 (section 6.175, pp 121, 122, 123) (Botswana Government, 2015), Vision 2036 Government of Botswana, 2016) and the Sustainable Development Goals (2016-2030) (United Nations, 2015). These FCS skills (Food and Nutrition, Textiles and Clothing, Housing and Interior Design, Child Development, Family and Consumer Studies) are among those identified by Human Resource Development Council (HRDC) as professions currently in demand</p>													

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in Botswana (HRDC, 2019) and also aligned with educational pathways implemented in schools. The qualification will also address Agenda 2063, especially Aspiration 1 on a prosperous Africa, based on inclusive growth and sustainable development, which call for well-educated citizens and skills revolution. It will also contribute to its aim on socio-economic transformation agenda through skill development addressing Aspiration 6 (African Union, 2019).

PURPOSE:

The purpose of this qualification is to produce graduates with specialized knowledge, skills and competencies in various education settings to:


- Equip learners with the knowledge to teach in various disciplines of Family and Consumer Science in local and international educational environment.
- Provide learners with curriculum development, implementation skills and expertise in teaching Family and Consumer Science education.
- Expose learners to practical application of theories related to the disciplines within the field of FCS.
- Facilitate commitment to FCS professional practice, continuous improvement, and extension of knowledge through critical analysis and research.
- Enable learners to communicate effectively in both written and oral forms and display open-mindedness in multiple FCS contexts.
- Make a marked difference in the lives of qualifying learners so they can contribute to the growth of the economy and the welfare of all Botswana.

ENTRY REQUIREMENTS (including access and inclusion)

The minimum entry requirements for admission to Bachelor of Education (Family & Consumer Sciences):

- Certificate IV, NCQF Level 4
- Entry through Recognition of Prior Learning (RPL) and Credit Accumulation and Transfer (CAT) is accessible to all candidates through institutional policies in line with the national RPL and CAT policies.

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SECTION B QUALIFICATION SPECIFICATION	
GRADUATE PROFILE (LEARNING OUTCOMES)	ASSESSMENT CRITERIA
<p>LO1. Apply knowledge and values essential to the implementation of the curriculum in various family and consumer science educational settings.</p> 	<p>AC1.1 Develop and implement FCS curriculum</p> <p>AC1.2 Use a variety of instructional strategies to motivate learners in various settings</p> <p>AC1.3 Demonstrate knowledge in apparel manufacturing, food product development, food preparation, interior design, child development, nutrition assessment, education and intervention.</p> <p>AC1.4. Evaluate learning using different assessment techniques.</p> <p>AC1.5. Demonstrate mastery of teaching and learning needs assessment, intervention and evaluation skills.</p> <p>AC 1.6 Apply the acquired FCS knowledge, skills and competencies in a school setting</p>
<p>LO2. Demonstrate problem solving, critical thinking and communication skills in the teaching of textiles, clothing, housing, interior design, human development, foods and nutrition.</p>	<p>AC2.1. Equip the learner with the knowledge, skills and competencies to assess foods, nutrition, housing, interior design, clothing, developmental and learning needs in various learning settings.</p> <p>AC2.2. Design appropriate foods and nutrition, spatial, developmental, clothing interventions for various target groups.</p> <p>AC2.3. Demonstrate effective interpersonal skills when relating to others.</p> <p>AC2.4. Apply FCS skills to solve every day needs of families and communities.</p>

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	AC2.5. Show appropriate communication skills as a family and consumer science educator.
LO3. Apply specialized technical skills in the family and consumer science education setting.	AC3.1. Demonstrate FCS Technical skills in garment production, food processing and preparation, nutrition and interior design. AC3.2. Design and create products in various FCS areas
LO4. Show proficiency in the use of technology as a resource in Family and Consumer Science Education.	AC4.1. Incorporate technology in the implementation of FCS lessons AC4.2 Use technology, including machinery and software packages, to design, create and evaluate products. AC4.3. Develop innovative ways of creating products to solve problems.
LO5. Manage family and consumer science programmes in the education sector.	AC5.1. Demonstrate knowledge of government policies AC5.2. Use management skills in educational settings AC5.3. Demonstrate ability to plan, implement and evaluate education programmes and projects. AC5.4 Demonstrate effective collaboration and leadership skills. AC5.5. Demonstrate professionalism and knowledge of ethics in educational settings. AC5.6. Show an understanding of the multiple roles of a school teacher.
LO6. Demonstrate entrepreneurial skills in the family and consumer science disciplines.	AC6.1. Demonstrate entrepreneurial skills to research, merchandise and market products. AC6.2. Develop viable business plans. AC6.3. Develop viable marketing strategies for food, textile, clothing, interior design products.

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LO7. Use appropriate research methods and techniques to solve family and consumer science problems.	AC7.1. Develop specialized research proposals for family and consumer science problems. AC7.2. Collect, analyse, interpret, and disseminate data using specialized research methods and techniques.
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SECTION C	QUALIFICATION STRUCTURE				
COMPONENT	TITLE	Credits Per Relevant NCQF Level			Total (Per Subject/ Course/ Module/Units)
		Level [5]	Level [6]	Level [7]	
FUNDAMENTAL COMPONENT Subjects/ Courses/ Modules/Units	Communications and Study Skills	5			24
	Computing and Information Skills	5			16
	Anatomy, Physiology and Biochemistry		6		12
	Chemistry		6		12
	Introductory Microbiology		6		12

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CORE COMPONENT Subjects/Courses/ Modules/Units	Basic Microeconomics		6		12
	Introduction to Family & Consumer Sciences	5			12
	Foundations of Family Studies	5			12
	Prenatal and Early Childhood Development	5			12
	Introductory Nutrition	5			12
	Introductory Housing		6		12
	Introduction to Interior Design		6		12
	Introduction to Textiles		6		12
	Technology and Creative Sewing		6		12
	Orientation to Teaching FCS		6		12
	Introduction to Measurement in Education		6		12
	Foundations of Food Preparation			7	12
	Fundamentals of Food Science			7	12
	Meal Management			7	12
	Food Service Operations and Management			7	12
	Principles of Quantity Food Production			7	12
	Nutrition in the Lifespan			7	12
	Apparel Production Processes			7	12

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	Social, Cultural and Psychological Aspects of Clothing			7	12
	Apparel Product Design and Development			7	12
	Consumer Education and Protection			7	12
	Introduction to Curriculum Development			7	12
	Family & Consumer Science Instruction in Secondary Schools			7	12
	Management & Administration of Home Economics Programmes in Schools			7	12
	Research			7	16
	Teaching Practice		6	7	40
ELECTIVE/ OPTIONAL COMPONENT Subjects/Courses/ Modules/Unit	Food Service Operations Management			7	36
	Food Product Development			7	
	Food Regulations			7	
	Theory and Practice when Interacting with Young Children			7	
	Family Health Education				
	Family and Marriage Counselling			7	
	Human Development Seminar			7	
	Apparel Manufacturing			7	

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	Tailoring Techniques			7	
	Management of Family Resources			7	
	Housing & Environment for Children			7	
	Housing in Community Development			7	
	Electives		6	7	24

SUMMARY OF CREDIT DISTRIBUTION FOR EACH COMPONENT PER NCQF LEVEL					
TOTAL CREDITS PER NCQF LEVEL					
Add courses by level					
NCQF Level					Credit Value
	Level 5	Level 6	Level 7	Level 8	
Fundamental courses	40	48	-	-	88
Core courses	48	92	192	-	332
Electives/Optional	-	12	48	-	60
Total	88	152	240	-	480
TOTAL CREDITS					480
Rules of Combination: (Please Indicate combinations for the different constituent components of the qualification)					

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To be awarded this qualification, a learner must complete a minimum of 480 credits that comprise of

88 Credits from Fundamental Courses

332 Credits from Core Courses

60 Credits from Elective/Optional

ASSESSMENT ARRANGEMENTS

All assessments will be done using formative and summative assessment.

- **Formative assessment** will contribute 60% to the overall course grade. It will comprise individual, and group assignments, presentations, laboratory/practical work, laboratory reports, and tests.
- **Summative assessment** will contribute 40% of the overall course grade. It will comprise examinations or final projects.
- Assessment will be carried out by BQA-registered and accredited assessors

MODERATION ARRANGEMENTS

- There shall be both internal and external moderation in accordance with institutional policies aligned with national policies.
- Moderators shall all be registered and accredited with BQA

RECOGNITION OF PRIOR LEARNING

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There is a provision for the award of this qualification through RPL in line with institutional and national RPL policies.

CREDIT ACCUMULATION AND TRANSFER

There is a provision for the award of this qualification through credit accumulation in line with institutional and national RPL policies.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

Horizontal Articulation (related qualifications of a similar level that graduates may consider)

- Bachelor of Education (Family and Consumer Sciences)
- Bachelor of Education (Culinary Arts)
- Bachelor of Education (Textile and Clothing)
- Bachelor of Education (Early Childhood Development)
- Bachelor of Education (Human Development and Family Studies)

Vertical Articulation (qualifications to which the holder may progress to)

- Master of Consumer Sciences
- Master of Culinary Arts
- Master of Hospitality Management
- Master of Textile Science and Apparel Design
- Master of Early Childhood Development
- Master of Human Development and Family Studies

Employment Pathways

A qualified practitioner at this level is able to fulfil the following roles:

- Home Economics (FCS) teacher
- A trainer and an assessor in FCS education field

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- Entrepreneur in clothing production, food product development, food service and early childhood care services, housing and interior design.
- FCS education officers

QUALIFICATION AWARD AND CERTIFICATION

Qualification Award

Minimum standards of achievement for the award of the qualification

- To be awarded a Bachelor of Education (Family and Consumer Sciences), a candidate must achieve a **minimum of 480 credits** of Certification
- Candidates meeting prescribed requirements will be issued an official certificate and transcript

Certification

Candidates meeting prescribed requirements will be awarded an official certificate and transcript of **Bachelor of Education (Family and Consumer Sciences)**.

REGIONAL AND INTERNATIONAL COMPARABILITY

The proposed qualification has therefore been benchmarked against Family and Consumer Science Bachelor's Degree in Education qualifications regionally and internationally.

This qualification compares with the following:

- (1) University of Pretoria, South Africa, a 4-year Bachelor of Home Economics: Education, NQF level 8, worth 605 credits which produces candidates with competencies to teach the subject of Home Economics.
- (2) University of Central Arkansas, USA, Bachelor of Science Degree in Education in Family and Consumer Sciences, which prepares students for licensure in secondary school family and consumer science and for career opportunities in business, industry, and the public sector.

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Although the qualifications examined generally follow similar structures and standards, there are minor differences in that the modules are not offered at identical levels of the degree and that module credits are not the same from different universities.

This qualification has strength in child development modules, which are not offered in most general Family and Consumer Sciences/ Home Economics. Additionally, the qualification has a strong research aspect which is not offered in comparable universities and is instead offered at the honours level.

This qualification compares well with all the two qualifications studied since the exit outcomes cover similar scope and depth and are aligned to exit-level descriptors typical of level 7 and similar qualifications offered in the region. This also applies to the competencies required for registration and accreditation with professional bodies. Qualifying learners should be able to be admitted to foreign institutions and continue their studies in the field of family and consumer sciences or continue with a Master's programme in foreign countries.

QUALIFICATION AWARD AND CERTIFICATION

The programme will be reviewed every five (5) years.