

QUALIFICATION SPECIFICATION								SECTION A	
QUALIFICATION DEVELOPER		Limkokwing University of Creative Technology							
TITLE		Diploma in Interior Design					NCQF LEVEL		6
FIELD		Physical Planning and Construction		SUB-FIELD		Interior Design			
New qualification		√		Review of existing qualification					
SUB-FRAMEWORK		General Education		TVET		Higher Education		√	
QUALIFICATION TYPE		Certificate		Diploma		√		Bachelor	
		Bachelor Honours		Master				Doctor	
CREDIT VALUE							360		
RATIONALE AND PURPOSE OF THE QUALIFICATION									
<p>Rationale</p> <p>Interior Design is a professional discipline that exists in the overall framework of the building industry with its own area of specialty and considerations primarily for the interior environment. Interior Design takes into consideration basic human needs and aspirations for living through its expressions of style, structure, function and form. It is a highly respected profession that responds to the needs of the building industry and corresponds to the social development, economic growth and prosperity of a country.</p> <p>While responding to changes in the design environment, Interior Design plays a vital role in ensuring the preservation of a country's identity and heritage. Students begin with a thorough training in the basic principles of building and design, and then move on to explore various areas of specialization.</p> <p>In Botswana, the marketplace is flooded with individuals who are practicing as Interior Designers without formal tertiary education as the profession is relatively new. Formalizing training requirements will ensure that professional standards are maintained and that potential designers are well equipped with the necessary practical and theoretical knowledge they require for the industry. It provides a vocational approach to the teaching of the required knowledge and career expertise selected as better suited to the focus and students profile.</p> <p>In a developing economy such as Botswana's, Interior Designer is critical. It supplies the economy with the Interior Designers who are needed in numbers. The field of Physical Planning and Construction is a broad discipline that demands availability of personnel with several skills for any market to be adequately serviced. These range from Interior designers, technologists and draught persons. Consultations with industry identified a gap that exists in Botswana for Interior Designers competent to work alongside professional architects in the process of designing and production of design drawings, among others. Thus the qualification is aimed at closing the gap between the design stage (mainly done by the professional</p>									

architect) and the delivery of the finished working drawings to the client or their representative (done by Interior Designers).

The National Development Plan, 11, (NDP 11), the Government of Botswana emphasizes the need for the development of an Infrastructure Master Plan. Under this plan Government underscores the importance of maintenance and upgrading of existing infrastructure assets. The skills developed by this qualification will strongly contribute to the achievement of Government's goals. The plan (p. 99) enlists the various facilities Government intends to upgrade and improve during this economic development plan. These include continuation of the construction of primary school facilities under the "Primary School Facilities Backlog Eradication Project in order to improve the learning and teaching environment in primary schools across the country" This qualification is designed to deliberately resource such national projects with skilled human resources to help the Government of Botswana achieve its national aspirations. Thus "During the NDP 11 new facilities will be constructed that have the potential to improve and stimulate economic growth, including the local economy" (NDP 11 Volume 1, p110). Skilled Interior Designers are needed if the Government goals stated above are to be achieved.

Furthermore, the Human Resource Development Council (HRDC) Sector Committee report (p. 18) Interior Designers and Architects appear in the "Top 20 Occupations in High Demand" list. Interior Designers by nature of their work, always need at least two or three and sometimes even more Interior Designers, depending on the scope of the project, for detailing and modeling the projects. Thus the need for Interior Designers is evident through these Government National Development Plans and HRDC Sector Committee reports.

The interior design sector has seen some dramatic changes over the years. It's currently evolving at a faster pace than ever before, since the sustainable design revolution at the tail end of the 20th century (Kerens, 2016). In the modern design environment, it's commonplace to see everything from innovative re-use and preservation to cloud-based services and community-led projects. To create spaces that are both functional and beautiful, new creative methods team with advances in research, data mining, neuroscience, health and building performance, etc. This brings a lot of benefits to the table but creates new challenges as well. The industry need creative and innovative interior designers who are capable of:

- Selling their ideas
- Handling the Books
- Maintaining Client Expectations
- Working Within Fast Turnarounds
- Introducing Trends and Timeless Styles
- Managing Costs
- Handling Self-Promotion

Purpose

The purpose of this qualification is to produce Interior designers that are industry ready: competent to apply creativity, problem solving, practical skills and management principles to the practical implementation of a wide range of Interior Design solutions.

Graduates will be able to:

- Carry out context research to solve relevant problems, critical thinking and evaluation expertise) to function effectively within industry - as individuals but also as members and leaders of teams
- Communicate creative and innovative ideas (both verbally and by way of appropriate media and technology).
- Conduct themselves in a sound ethical and professional manner and function in the field of interior design.
- Maintain Client Expectations
- Work within Fast Turnarounds.
- Introduce Trends and Timeless Styles.
- Manage Costs.
- Handle Self-Promotion.

ENTRY REQUIREMENTS (including access and inclusion)

▪ **Normal entry**

Certificate IV, NCQF level 4 (General Education or TVET) or equivalent.

▪ **CAT and RPL**

Applicants who do not meet the above criterion but possess relevant industry experience may be considered using RPL and CATS policies for access.

QUALIFICATION SPECIFICATION

SECTION B

GRADUATE PROFILE (LEARNING OUTCOMES)

ASSESSMENT CRITERIA

- 1.** Apply technical knowledge of building materials and finishes for buildings.

- Identify and specify appropriate building materials and finishes for buildings finishes for a specific structure or space.
- Prescribe alternative building materials and finishes for a specific structure and space.
- Specify appropriate mixes of composite materials for specific tasks/jobs.
- Analyze the effect of the application of different building materials & finishes to character of a structure or space.
- Conduct experiments to demonstrate the result of applying different materials to the same structure or space.
- Apply critical thinking skills in formulating building solutions in various situations.

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2.	Examine possible construction methods for medium and large buildings.	<ul style="list-style-type: none"> Assess the suitability of construction methods for given building types. Select appropriate construction methods for a small, medium to large scope of work. Describe in detail the construction process for small to medium projects.
3.	Present a preliminary architectural design from a given concept.	<ul style="list-style-type: none"> Execute and present the design concept. Develop the design and show the influence of the concept to the proposed solution. Show and communicate, using the right techniques, the relationship between the design and site.
4.	Prepare interior design working drawings for a wide range of building types.	<ul style="list-style-type: none"> Draw the final design drawings that are used for interior design project implementation. Prepare material specifications for interior design purposes.
5.	Apply the practical skills in design fundamentals for production of interior design drawings using CAD.	<ul style="list-style-type: none"> Employ digital tools to produce interior design drawings. Use the CAD system to generate different aspects of the interior design system components in 2D and 3D projections.
6.	Demonstrate technical knowledge of the fundamentals of building services.	<ul style="list-style-type: none"> Specify the appropriate services for a specified building or space, e.g. water, electricity, fire, and drainage. Specify the functional requirements for every service needed in a building. Incorporate building services (water, electricity, fire services) within the design process.
7.	Communicate effectively in a team environment	<ul style="list-style-type: none"> Utilize presentation skills as a tool for effective communication. Present portfolio file professionally according to the industry practice. Communicate effectively with all stakeholders.
8.	Produce drawings that show the relationships between ideas and interior design space, form and structure as related to human culture and site context.	<ul style="list-style-type: none"> Apply Basic knowledge of formal architectural spaces. Convert information into effective graphic images. Demonstrate and express the creative use of materials and its construction resolution. Draw plans, sections, elevation and perspectives. Compose the basic interior design elements in a meaningful manner. Design Retail spaces.
9.	Prepare the lighting plan drawing, which incorporates ceiling design, air conditioning, alarm, exit light & smoke detector awareness.	<ul style="list-style-type: none"> Apply technical knowledge to acoustic and light planning. Illustrate a scheme and costing which will include theatre design in general.

	<ul style="list-style-type: none"> • Apply basic techniques of acoustic and light. • Create a harmonious lighting environment for interior design spaces. • Prepare the lighting plan drawing, which incorporates ceiling design, air conditioning, alarm, exit light & smoke detector awareness. • Apply acoustics and materials in a building. • Specify lighting and create different moods within a space.
10. Integrate construction, structure and materials in the design of interior design projects and prepare contract documents for construction purposes.	<ul style="list-style-type: none"> • Describe accurately and survey buildings and their interiors. • Calculate areas of interior spaces. • Integrate conceptual design into a buildable solution. • Identify practical and theoretical constraints inherent in an existing building. • Develop teamwork skills through practice. • Solve health and Safety problems to interiors of buildings. • Cost specified materials, finishes and labor of Interior Design projects. • Create a Schedule of works for project execution. • Recognize Contract Document for Interior Design.
11. Analyze interior design cultural movements from the ancient civilization to modern architecture.	<ul style="list-style-type: none"> • Study and analyse architectural cultural movements from the ancient civilization to modern architecture. • Compare and contrast different architecture philosophies from two or more systems from past to present. • Access how buildings are shaped by cultural ideas. • Interpret the vocabulary architects use to communicate cultural norms of behavior and personal preferences. • Produce drawings that reflect architecture as a vital expression of human values and cultural behavioral systems. • Formulate informative theses and convincing arguments. • Critique the various historical, social, cultural, technological, and philosophical influences on architectural design. • Assess physical facts, as well as social, cultural, and historical relevance of a building. • Differentiate between creativity as the main method in design and rational analysis as the main method of history and graphical interpretation.
12. Communicate effectively in a team environment.	<ul style="list-style-type: none"> • Utilize presentation skills as a tool for effective communication. • Present portfolio file professionally according to the industry practice.

<p>13. Select materials and costs according to budgets and negotiate project fees.</p>	<ul style="list-style-type: none"> • Communicate effectively with all stakeholders. • Develop flow charts of the design process. • Write estimates and prepare orders for purchase of interior design furnishings, finish materials and products, and installation. • Write and utilize change orders, transmittals, letters, design concept statements, report and flow charts. • Evaluate and write material and products specifications. • Identify legal issues that impact an interior architect. • Generate client records, orders, and correspondence. • Demonstrate an awareness of professional image. • Define and utilize legal, business and accounting terms used in the practice of interior design. • Analyze and calculate methods of compensation. • Develop a client budget and plan in response to budgetary constraints. • Define and apply ethical practices required of a professional interior designer. • Develop a business plan.
<p>14. Assist in managing the scope, cost, timing, and quality of the project, at all times focused on project success as defined by project stakeholders.</p>	<ul style="list-style-type: none"> • Identify project goals, constraints, deliverables, performance criteria, control needs, and resource requirements in consultation with stakeholders. • Adapt projects in response to issues that arise internally and externally. • Interact with team and stakeholders in a professional manner, respecting differences, to ensure a collaborative project environment. • Utilize technology tools for communication, collaboration, information management, and decision support. • Work closely with quantity surveyors to establish costs and work schedules on small projects, with architects and other design professionals to determine the best use of space, and with manufacturers and contractors. • Adapt project management practices to meet the needs of stakeholders from multiple sectors of the economy. • Appraise the role of project management in Interior Design.

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QUALIFICATION STRUCTURE		SECTION C	
FUNDAMENTAL COMPONENT Subjects / Units / Modules /Courses	Title	Level	Credits
	Introduction to Computer Skills	5	10
	Architectural Research & Communication	5	10
	Introduction to Building Science & Construction	5	10
	Introduction to Digital Imaging	5	10
	Entrepreneurship for the Arts	5	10
CORE COMPONENT Subjects / Units / Modules /Courses	Introduction To History & Culture 1	5	10
	Design Studio 1,2,3 & 4	6	54
	Technical Drawing 1,2 & 3	6	40
	Introduction to Creative Design	6	12
	Materials Study 1 & 2	6	22
	Interior Techniques	6	10
	Computer Aided Design & Drafting 1&2	6	24
	Acoustic & Light Technology	6	12
	Design Research	6	12
	Technical Studies 1&2	6	30
	Digital Communication 3	6	12
	Professional Practice 1	6	10
	Industrial Attachment	6	40
	History & Culture 2	6	10
ELECTIVE COMPONENT Subjects / Units / Modules /Courses Choose one	Site Surveying and Landscaping	6	12
	Introduction To Project Management		
Total			360

RULES OF COMBINATIONS, CREDIT DISTRIBUTION (WHERE APPLICABLE):				
Module Classification	Module status	Total number of modules	Total number of Credits	Credit Percentages
Fundamental Component	Compulsory	5	50	13.9%
Core Component	Compulsory	22	298	82.8%
Elective Component	Students choose 1 out of 2 modules	2	12	3.3%
Totals		29	360	100%

The composition of the qualification has 2 levels, Level 5 with a maximum of 60 credits and Level 6 with 300 credits. Students must take a maximum of 12 credits for electives.

ASSESSMENT AND MODERATION ARRANGEMENTS

Assessment arrangements

The learners will undergo formative and summative assessments, which should be designed by assessors who are registered and accredited by BQA.

The weightings for the assessments will be as follows;

Assessment Method	Weight
Formative Assessments	60%
Summative Assessments	40%

Moderation arrangements

There will be internal and external moderation undertaken by moderators 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 (if applicable)

There is provision for award of the qualification through RPL and CAT in line with BQA RPL policy and ETP policy.

PROGRESSION PATHWAYS (LEARNING AND EMPLOYMENT)

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

- Diploma in Construction
- National Diploma in Interior Design
- National Diploma in Building Design
- Diploma in Architectural Draughting

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

- Associate Degree in Architectural Technology
- B. Tech in Architectural Technology
- Bachelor of Architecture
- Bachelor of Architectural Science

Employment Pathways

Graduates of this qualification may be employed as:

- Draughtsman
- Architectural Technician
- Clerk of Works (representing the Architect on site)
- Building Inspector
- 3D Modeling & Model Making Technician
- Site Agent

QUALIFICATION AWARD AND CERTIFICATION

To qualify for qualification award and certification, a students must

- Attain a minimum of 360 credits overall.
- Complete satisfactorily the specified requirements of the qualification.
- Have official verification that he/she has covered and passed all the modules.

A Diploma in Interior Design will be awarded upon successful completion of the qualification.

REGIONAL AND INTERNATIONAL COMPARABILITY

The Diploma in Interior Design **Benchmarking Matrix**

Criteria	BHC SCHOOL OF DESIGN WOODSTOCK, CAPE TOWN (SOUTH AFRICA)	LASALLE COLLEGE OF ARTS(SINGAPORE)	RAFFLES INTERNATIONAL COLLEGE BANGKOK(THAILAND)
Credits	360	360	360
Level	6	6	6
Average module load per semester	8	8	4
Duration (full time)	3 Years full-time	3 Years full-time	2Years
Internship modules	Available	Available	Available
	<ul style="list-style-type: none"> • Practical Interior Design I • 2D AutoCAD I • Building Construction 1 • Detail Design I • History Studies I • Materials I • Sketching I • Technical Drawing I • Practical Interior Design II • Technical Services I 	<ul style="list-style-type: none"> • Studio • Craft, Techniques and Technologies • Critical Thinking Skills and World of Imagination • Self-Discovery & Awareness • Personal and Professional Development (PPD) 	<ul style="list-style-type: none"> • Interior Design Principles and Theory • Freehand Drawing • Architectural Drafting • Interior Colour Application • Cultural Studies • Computer Graphic Skills • Presentation Drawing 1 • Creativity and Concept Development • 2D Computer- Aided Drawing

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		<ul style="list-style-type: none"> • Professional Practice I • Detail Design II • History Studies II • Materials II • Sketching II • Digital Presentation I • Practical Interior Design III • Contemporary Studies I • Professional Practice II • Detail Design III • Experiential Learning I • Council Submission I • Digital Presentation II 		<ul style="list-style-type: none"> • Interior Material and Finishes • Presentation Drawing 2 • Design Studio 1 • 3D Computer- Aided - Drawing • Building Technology and Construction • Design Studio 2 • Construction Studies 1 • Computer Rendering and Animation • Environmental Lighting • Construction Studies 2 • Furniture His, Design and Application • ARCS • Studio Design 3 • Budget, Costing and Documentation • Portfolio • Professional Practice 	
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REVIEW PERIOD

This qualification will be reviewed every five (5) years.