



MAURITIUS QUALIFICATIONS AUTHORITY

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NATIONAL CERTIFICATE

LEVEL 4

IN

DRAUGHTSMANSHIP

National Certificate Level 4 in Draughtsmanship

1. **Level:** 4
2. **Total Credits:** 120
3. **Review Date:** August 2030

4. Access to qualification

4.1 Entry Information

School Certificate

or

National Certificate of Education (NCE) with three years' relevant experience

or

National Certificate Level 3 in Construction

or

National Certificate Level 3 in Carpentry: Formwork & Shuttering

or

An alternative acceptable qualification at Level 3 of the NQF in a related field

4.2 Recognition of Prior Learning [RPL]

Potential candidates holding a qualification at NQF Level 3 and at least 3 years of working experience in the relevant field may access this qualification through Recognition of Prior Learning (RPL) process.

4.3 Award of Qualification Requirements

Unit No.	Unit Standard Title	Level	Credit
DRAWING SKILLS			
1	Apply Basic Drawing and Draughting Principles	4	6
2	Produce perspective and instrumental drawings	4	6
3	Use of office packages and computer technology	4	3
4	Identify and solve design problems in draughtsmanship	4	6
5	Prepare production drawings to meet final design requirements	4	6
6	Produce scale production drawings using Computer Aided Draughting (CAD) Software	4	6

7	Produce architectural and environmental drawings for presentation	4	6
8	Produce rendered design graphics for presentation	4	6
9	Produce 2d or 3d models by using digital technologies	4	6
10	Develop a design specification, and produce and implement a surveying plan	4	6
11	Produce Architectural Design Drawings	4	8
12	Produce Structural Design Drawings	4	5
13	Draw and interpret electrical and data circuits	4	8
14	Draw and interpret mechanical drawings	4	8
15	Demonstrate knowledge of circular, rotational, and simple harmonic motion	4	6
16	Apply Mathematical Concepts in Technical Drawing and Draughtsmanship	4	6
17	Use Effective Communication Skills in Technical Environments	4	5
18	Apply Entrepreneurial Skills in a Draughtsmanship Context	4	5
19	Apply Green Technology Principles in Draughting and Design	4	5
20	Demonstrate Ethical and Professional Conduct in Draughting Practices	4	4
21	Apply health, safety and environmental regulations in the draughting environment	4	3
Total Credits		120	

5. Purpose

This qualification is intended for people who wish to pursue a career as draughtsman in the Design and Construction industry. People awarded with this qualification would have acquired the skills and knowledge required to function effectively and efficiently within the industry.