



MAURITIUS QUALIFICATIONS AUTHORITY

MAURITIUS QUALIFICATIONS AUTHORITY

NATIONAL CERTIFICATE

LEVEL 4

IN

DRAUGHTSMANSHIP

National Certificate Level 4 in Draughtsmanship

1. Level: 4
2. Total Credits: 136
3. Review Date: December 2025
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 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	Use freehand sketching techniques to show design development	3	4
2	Produce axonometric drawings	3	2
3	Produce perspective and instrumental drawings	3	3
4	Demonstrate knowledge of the components of personal computer systems	3	3
5	Use computer technology to solve a specified problem	3	5
6	Produce design ideas and images using computer graphics programs	3	4
7	Identify design problems and carry out investigation	3	2

Unit No.	Unit Standard Title	Level	Credit
8	Apply visual design elements to solve design problems	3	3
9	Develop and refine design solutions	3	2
10	Present design work	3	6
11	Produce production drawings to meet final design requirements	3	5
12	Produce scale production drawings using computer aided draughting (CAD) programs	4	6
13	Produce architectural and environmental drawings for presentation	4	2
14	Produce rendered design graphics for presentation	4	4
15	Produce 2D or 3D models for design and presentation	4	5
16	Develop a design specification, and produce and implement an investigation plan	4	2
17	Apply design development and evaluation techniques	4	3
18	Prepare, plan, and present design project work	4	6
19	Produce architectural, structural, and interior design drawings	4	6
20	Draw and interpret electrical circuits	4	3
21	Draw and interpret mechanical drawings	4	3
22	Produce engineering, technological, and systems drawings for graphic communication	4	2
23	Present ideas and information orally to a specified audience in a predictable situation	4	2
24	Apply formulae, graphical, vectorial and phasor methods to find unknowns for a physical system	4	2
25	Demonstrate knowledge of, and determine unknowns for wave systems	4	2
26	Demonstrate knowledge of circular, rotational, and simple harmonic motion	4	3
27	Produce and deliver a multi-media presentation	4	4
28	Write a design brief and specifications	4	5
GENERAL SKILLS			
29	Write business letters and memoranda	3	3
30	Sketch and describe graphs	3	3
31	Give oral instructions in the workplace	4	2
32	Listen to gain information in an interactive situation	4	2
33	Read efficiently to gain maximum information in time spent	4	3
34	Read texts to research information	4	2
35	Write a report	4	3
36	Use sequences and series to solve problems in real and simulated situations	4	2

Unit No.	Unit Standard Title	Level	Credit
37	Use linear systems to solve problems	4	2
38	Use numerical methods to solve problems	4	4
39	Present and defend an argument orally	4	2
40	Apply problem solving strategies	4	2
41	Write proposals	4	3
42	Write business correspondence to convey complex ideas and information	4	2
43	Present information orally to an audience	5	2
Total Credits		136	

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.