



MAURITIUS QUALIFICATIONS AUTHORITY

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**NATIONAL CERTIFICATE**

**LEVEL 2**

**IN**

**AUTOMOTIVE MECHANICS**

## **National Certificate Level 2 in Automotive Mechanics**

1. **Level of qualification:** 2
2. **Total Credits:** 60
3. **Review date:** October 2025
4. **Access to qualification**

### **4.1 Entry information**

Certificate of Primary Education (CPE)/ Primary School Achievement Certificate (PSAC)  
or  
An alternative qualification at Level 1 of the NQF

### **4.2 Recognition of Prior Learning (RPL)**

Potential candidates holding 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**

<b>Unit No.</b>	<b>Unit Standard Title</b>	<b>Level</b>	<b>Credit</b>
<b>Basic Workshop Skills</b>			
1	Observe safe workshop practices and precautions	2	1
2	Practice with common tools	2	1
3	Identify common types of metals	2	1
4	Measure linear dimensions	2	1
5	Mark out a workpiece	2	1
6	File a flat surface and a straight edges	2	1
7	Saw a workpiece with a hand hacksaw	2	1
8	Perform drilling on a workpiece	2	1
9	Perform threading and tapping operations	2	1
<b>Automotive engines and systems</b>			
10	Demonstrate knowledge of the materials used	2	1
11	Identify engine types and components	2	8

12	Demonstrate basic knowledge of intake and exhaust systems	2	2
13	Demonstrate basic knowledge of the engine lubrication system	2	1
14	Demonstrate basic knowledge of the engine cooling system	2	1
15	Demonstrate basic knowledge of fuel systems	2	2
16	Demonstrate basic knowledge of clutch operation	2	2
17	Demonstrate basic knowledge of gearbox operation	2	2
18	Demonstrate basic knowledge of front and rear axles operation	2	3
19	Demonstrate basic knowledge of steering system operation	2	3
20	Demonstrate basic knowledge of vehicle wheels and tyres	2	1
21	Demonstrate basic knowledge of brake system operation	2	3
22	Demonstrate basic knowledge of front and rear suspensions	2	3
23	Demonstrate basic knowledge of electrical system	2	4
<b>Associated Studies</b>			
24	Demonstrate mathematical skills and knowledge	2	4
25	Demonstrate drawing skills	2	3
26	Demonstrate effective communications skills	2	4
27	Demonstrate good work ethics	2	1
28	Demonstrate knowledge of sustainable development	2	1
29	Demonstrate understanding and use of information technology	2	2
<b>Total Credits</b>		<b>60</b>	

## 5. Purpose

This qualification has been designed to prepare and equip learners to eventually follow the National Certificate Level 3 in Automotive Mechanics and Electronics and/or to join the automotive trade as an apprentice/helper.