# Specification of Competency Standards
# for the Automotive
# Unit of Competency

**Functional Area - Vehicle Servicing**

| | |
|---|---|
| **Title** | Recognise the evolution of automotive technology and design |
| **Code** | 111697L2 |
| **Range** | This unit of competency is applicable to individuals who are new to the automotive industry, such as entry-level technicians, sales trainees, is able to identify key technological milestones and major shifts in automotive design language. |
| **Level** | 2 |
| **Credit** | 3 *(For Reference Only)* |
| **Competency** | **Performance Requirements**<br>1. Knowledge<br>• Understand the chronological order of major automotive development periods.<br>• Identify key features of vehicles from different periods.<br>• Understand the names and key characteristics of pioneering automotive manufacturers and their models.<br>• Understand the basic functions and evolution of major vehicle systems.<br>• Recognize factors influencing automotive design (e.g., safety regulations, environmental issues, energy efficiency).<br>2. Performance<br>• Describe the major periods in automotive history and explain the key characteristics of each period.<br>• Visually distinguish the exterior and interior designs of vehicles from the 1950s, 1980s, and early 21st century, highlighting key differences in styling elements.<br>• List the most important technological advancements in the following vehicle systems: engine, transmission, braking system, safety system, or in-vehicle entertainment system.<br>• Explain in simple terms how factors such as "increased safety standards" changed the appearance of cars (e.g., stronger pillars, bumpers, airbags).<br>• List major pioneering automotive manufacturers and their historically significant models (e.g., Ford Model T, Volkswagen Beetle, Mini). |
| **Assessment Criteria** | The practitioners should demonstrate the following abilities:<br>• From real-life images of vehicles, is able to recognize and distinguish automotive design features to identify their approximate era. and create simple timelines or posters demonstrating the evolution of specific vehicle models or functions.<br>• Able to explain the reasons for changes in automobiles over time and the basic functions of various automotive systems.<br>• Aable to correctly identify, describe, and distinguish key features and eras of automobiles. |
| **Remark** | The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed basic knowledge of vehicle construction and the powertrain operation. |