

Curriculum Goals:

To provide the student with the opportunity to experience the work of an automotive technician, exposing them to the various tasks performed, to assist him/her in making an informed decision for further study and/or employment. This course is practical and experiential. The student will be given the opportunity to learn through engaging in realistic and authentic tasks.

Vocational Pathway: Manufacturing and Technology

Learner Goals and Outcomes: On completion of all unit standards in this course, the student will be able to:

1. Demonstrate knowledge of motor vehicle documentation and primary systems of a vehicle.
2. Bleed a hydraulic brake system.
3. Demonstrate knowledge of brake systems.
4. Demonstrate knowledge of clutches and manual transmissions.
5. Demonstrate knowledge of tools and equipment used in the motor industry.
6. Select and use hand tools and workshop equipment for an automotive application.

Unit Standards					
Unit No	Title	Level	Credits	Version	SR/R
15408	Demonstrate knowledge of motor vehicle documentation and primary systems of a vehicle.	2	4	6	R
30518	Bleed a hydraulic brake system.	3	2	1	SR
30568	Demonstrate knowledge of brake systems.	3	4	1	SR
30560	Demonstrate knowledge of clutches and manual transmissions.	3	3	1	SR
30476	Demonstrate knowledge of tools and equipment used in the motor industry.	2	2	1	SR
21859	Select and use hand tools and workshop equipment for an automotive application	2	2	1	SR
	Total DAS Credits		17		

Vocational Pathways: SR = Sector Related; R = recommended

To receive a Vocational Pathways Award, students must gain NCEA Level 2. Within the 80 credits required to achieve NCEA Level 2, 60 of these Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from sector related standards.

Methods of Assessment: Three forms of assessment will be used

1. Written tests (students will be advised of date, time and location)
2. Simulated practical tests
3. Practical demonstrations or portfolio evidence