



## TECHNOLOGY DEPARTMENT

### NCEA LEVEL 2 Automotive Technology 2017

Students are able to attain 24 level 2 credits and 5 level 1 from 11 unit standards studied between Taita College and Whitireia New Zealand.

Whilst there is no charge to the student for the Whitireia New Zealand section of the course there is an expectation that all students will attend all sessions as Taita College has to pay Whitireia NZ for each attendance and the transport costs. Consequently if a student misses a session without an acceptable reason a charge may be made. The first Whitireia session this year is on May 1<sup>st</sup>.

| Where Studied | Unit Standard | Description  | Level | Credits |
|---------------|---------------|--|-------|---------|
| Taita         | 231           | Demonstrate knowledge of the operation of two and four stroke petrol and diesel engines              | 2     | 4       |
| Whitireia     | 15408         | Describe motor vehicle safe motoring requirements and general locations of systems and components    | 1     | 4       |
| Whitireia     | 21671         | Carry out general engineering tasks in the motor industry  | 2     | 4       |
| Whitireia     | 21679         | Demonstrate knowledge of interchanging and balancing road wheels in the motor industry               | 2     | 2       |
| Whitireia     | 21717         | Service automotive cooling systems   | 2     | 3       |
| Whitireia     | 21722         | Balance wheels off a vehicle in the motor industry   | 2     | 2       |
| Whitireia     | 21869         | Remove and replace road wheels in the motor industry   | 1     | 1       |
| Whitireia     | 233           | Service an automotive battery  | 2     | 2       |
| Whitireia     | 242           | Change the fluid and bleed a hydraulic system  | 2     | 2       |
| Whitireia     | 247           | Prepare a vehicle and/or machine for use and shutdown after use                                      | 2     | 2       |
| Taita         | 4261          | Identify legal rights & obligations in relation to registering and operating a private motor vehicle | 2     | 3       |