



AUCKLAND WEST VOCATIONAL
ACADEMY

Automotive
Building
Carpentry
Early Childhood Education
Engineering
Hospitality Plus
Multi Skills
Tourism

Welcome to the Automotive Academy

Nau mai ki te Whare Aronui o Tiriwa. The Automotive Academy welcomes you.

The AWVA Automotive Academy is offered over two school years for one or two lines per day. The course work is taught in partnership with Unitec (1 day per week over 18 weeks at the Unitec campus in Year 2). There are over 80 credits available over the duration of the course, all count towards the NCEA. A student must still select three other subject options for each of the two years.

Year 1 is made up of Level 2 standards

Year 2 is made up of Level 2 and Level 3 standards; most will be delivered by Mito through their Ignition and Accelerate programme.

Highlight of Year 1

Students will build a mini motorcycle which they are able to take home on completion of the course, free of charge.

Highlight of Year 2

Students will build a motorized Drift Trike at school. (There is a charge to cover the cost of the motor, students can take the Trike home when finished and paid for). There will also be practical work at Massey High School, students will learn how to strip wheels and carry out puncture repairs and how to balance wheels. On car maintenance and servicing will also be taught with the use of our two-post hoists. Year 13 students are encouraged to do work experience which can lead to employment opportunities.

Successful completion of this course will allow students entry into a Polytechnic Level 3 course in any applied technology such as Automotive or Engineering or assist in gaining an apprenticeship. Students will have the opportunity to gain the following certificates.

Level 2 NCEA endorsed with the Manufacturing and Technology Sector Vocational Pathway Award or Level 2 NCEA without the vocational pathway award.



The below table is a list of the intended standards covered in the course. **The actual year the standard is covered is an indication but could vary.**

Automotive Academy Year 1, Level 2 (2 hours per day)

[illegible]

Automotive Academy Year 2, Level 2 & 3 (2 hours per day)

MITO Accelerate Programme							
US 21869	5	2	Automotive Preventative Maintenance	Remove & refit road wheels on a vehicle		1	
US 30434	1	3	Automotive Preventative Maintenance	Service a vehicle or machine		3	
US 30435	1	3	Automotive fuel systems & exhaust	Demonstrate knowledge of vehicle emissions		4	
US 30436	1	3	Automotive fuel systems & exhaust	Demonstrate knowledge of an electronic fuel injection system		2	
US 30437	1	3	Automotive fuel systems & exhaust	Demonstrate knowledge of the operation of a Diesel fuel system		2	
US 30477	1	3	Engines	Demonstrate knowledge of petrol & diesel engines		4	
US 30478	1	2	Motor Industry – Intro Skills	Demonstrate knowledge of automotive lubricants		2	
US 30568	1	3		Demonstrate knowledge of brake systems		4	
US 30570	1	3	Automotive workshop engineering	Demonstrate knowledge of welding in the automotive industry		3	
US 30517	2	3		Service a brake system on a vehicle or machine		4	
Total Number of Credits Available in this Course						29	
This is a “Unit Standards Only” course.							

Vocational Pathways Award within the Academies.

All the standards in Academy courses contribute to the NCEA. Students in the academies at Level 2 are also eligible for the Vocational Pathways Award. To get a Vocational Pathways Award, the student must gain Level 2 NCEA with a minimum of 20 Level 2 credits from Sector-Related, (SR), standards, (within that sector), and a further minimum of 40 credits from Recommended, (R), standards, (also within that sector), to make up a total of 60 pathway credits. (See tables). The SR standards are generally achieved within the academy and the R standards come from some academy standards plus standards in other subjects.

The Vocational Pathways Award enables employers to assess whether potential employees' skills align with their industry requirements more easily. The six Vocational Pathways sectors are: Constructions & Infrastructure (CI), Manufacturing & Technology (MT), Primary Industries (PI), Service Industries (SI), Social & Community Services (SC) and Creative Industries (CR). Note this award only applies to Level 2.

Diagram showing the minimum needed for the Vocational Pathways award.



Fees and Transport. Our academy courses are fees free, apart from some uniform items.

Entry and commitment from students. All students who wish to apply for this academy must indicate their choice of the Automotive Academy Pathway on the MHS Pathways online course selection. Places are limited, and an interview process will be arranged with the student and their whanau or support person and the MHS academy tutor. Students will need to be committed to maintaining their attendance at 95% and have a good pastoral record.

Preferred subject choices along with Automotive, Preference for Academy places will be given to students who also choose subjects from this list. **English, Mathematics, Computer Science.**

Students may only select ONE academy.

To apply for an academy, 1. Complete the online MHS course selection process [Schoolpoint Useful Information](#) and select the Academy (AWVA), you wish to apply for.

1. Email Ms. Maxwell smaxwell@masseyhigh.school.nz or send a Teams message if any more information is required.

