

BICYCLE MECHANIC COURSE GUIDE - 2022









Pedal into a new career

Five reasons why you should pedal into a new career in the Bicycle Industry and enrol in our **bicycle mechanic course**.

1. A LIFELONG CAREER PATHWAY

Much like the automotive trades, individuals can study a nationally accredited Apprenticeship and/or industry certified technical training, to become a qualified Bicycle Mechanic/Technician. A growth industry, such as bicycles, means there are many future opportunities for young people and older career changers to develop skills and build a lifelong career pathway.

2. HIGH EMPLOYMENT OPPORTUNITIES AND A CAREER YOU CAN TAKE GLOBALLY

The bicycle industry is one of the fastest growing sectors in Australia. Bicycles are quickly becoming the go to transportation choice for commuting, fitness and recreation. They are cheap to run, keep you fit and a very practical form of transportation. Furthermore, the rapid growth of Electric Bikes (E-Bikes) is captivating the world and producing a new generation of road, trail and eco-friendly cycling enthusiasts. The modern design and advanced technology of E-Bikes plus traditional pedal bicycles has become very intricate and technical, which means the Bicycle Mechanic/Technician role is more critical than ever. This ensures a bright future and a diverse range of career pathways for anyone seeking to work in this dynamic, fast-paced industry

3. BE A PART OF THE FUTURE OF SUSTAINABLE INDUSTRY

No matter what your philosophical stance on climate change or 'green' initiatives are, the reality is the world is turning green and we all need to contribute to the future health of the planet. That might mean investing in an electric car, taking public transport or riding a bike to work or just using those pins we all have to get around. The contribution can be small and simple, and I think most people now believe they can make a difference even in a small way.

4. WORK & INTERACT WITH A DIVERSE RANGE OF PEOPLE

There is strength in diversity and as a bicycle mechanic you will work with people and communicate with customers from a range of backgrounds and cultures. The bike is the common thread that binds us all together.

5. YOU LOVE BIKES & DON'T LIKE SITTING AT A DESK

You love to ride; for sport & fitness, commuting or as your weekend activity with the kids. More importantly the idea of sitting in an office staring at a screen all day does not excite you.



Proudly part of **intowork**

AUR30220 Certificate III in Bicycle Workshop Operations

PEDAL INTO A CAREER IN THE BICYCLE INDUSTRY

COURSE OVERVIEW:

The Certificate III qualification is aimed at those seeking a career as a Bicycle Technician/Mechanic. The course can be completed as an apprenticeship or fee-for service student. The content reflects the very latest industry standard and completing this course will qualify students to perform bicycle servicing & repairs to the highest industry & vocational certification.

PAYMENT MODE:

Fee for service (FFS) Government funded (Higher Level Skills) Apprenticeship

EMPLOYMENT OPPORTUNITIES:

- o Bicycle Technician/Mechanic
- o Bicycle Assembler
- Bicycle Store Consultant
- Bicycle Workshop Leader

COURSE DELIVERY:

Delivered in a blended format incorporating online learning, classroom training at *The Bicycle Academy* and workplace supervision

ENTRY REQUIREMENTS:

Have an appropriate level of language, literacy and numeracy (LLN) skills.

STUDY PATHWAYS:

Upon completion of this qualification, students may be eligible for credit into a range of related courses.

COURSE DURATION:

18 - 24 Months

COURSE FEES:

Please email

thebicycleacademy@industrygraduates.com for the latest course information and fees.

TOPICS COVERED IN THIS QUALIFICATION:

The *AUR30220 Certificate III in Bicycle Workshop Operations* is the industry endorsed, certified training program, covering the following topics of study:

- 1. Workplace environmental, sustainable, health & safety practices.
- 2. Working in the retail bicycle industry.
- 3. Diagnosis, service & repair of bicycles and all componentry.
- 4. Customer service & complaint handling.
- Sales & promotion of products and services.
- 6. Stock ordering & control.
- 7. Electrical bicycle service & repair.



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COURSE OVERVIEW:

There are a total of 28 units of competency: 16 core and 12 electives.

Core units				
AURAEA002	Follow environmental and sustainability best practice in an automotive workplace			
AURASA102	Follow safe working practices in an automotive workplace			
AURBTA104	Assemble new boxed bicycles for retail sale			
AURBCA101	Work in a retail bicycle environment			
AURBTB101	Service and repair bicycle mechanical braking systems			
AURBTD101	Service bicycle steering systems			
AURBTQ001	Service bicycle drivetrain systems			
AURBTQ002	Repair and overhaul bicycle drivetrain systems			
AURBTJ102	Service bicycle wheels and hubs			
AURBTJ104	Repair and overhaul bicycle wheels and hubs			
AURBTD103	Repair and overhaul bicycle steering systems			
AURBTV101	Remove, refit and adjust bicycle accessories			
AURBTJ103	Design and build bicycle wheels			
AURBTB003	Repair and overhaul bicycle hydraulic braking systems			
AURBTB002	Service bicycle hydraulic braking systems			
AURBTD102	Service bicycle suspension systems			
Elective units				
AURAMA102	Communicate business information in an automotive workplace			
AURACA101	Respond to customer needs and enquiries in an automotive workplace			
AURSCA103	Apply sales procedures in an automotive workplace			
AURSCA105	Sell automotive products and services			
AURSCA106	Promote automotive products and services			
AURSAA001	Process customer complaints in an automotive workplace			
SIRRINV001	Receive and handle retail stock			
SIRRINV002	Control stock			
AURSCA102	Present automotive products and services for sale			
AURBTR101	Inspect and service electric power-assisted bicycles			
AURBTR104	Diagnose and repair electric bicycles			
AURBTR103	Retrofit electric drivetrain systems to bicycles			





AURSS00062 - Electric Bicycles Skill Set (Release 1)

COURSE OVERVIEW: This skill set addresses the skills and knowledge required to service and repair electric bicycles in the automotive retail, service and repair industry.

PATHWAYS INFORMATION:

The units in this skill set provide credit towards:

- o AUR30220 Certificate II in Bicycle Mechanical Technology
- o AUR30220 Certificate III in Bicycle Workshop Operations
- \circ $\;$ any other qualifications that allow for selection of these units.

There are a total of 3 core units of competency

Core units	
AURBTR101	Inspect and service electric power-assisted bicycles
AURBTR104	Diagnose and repair electric bicycles
AURBTR103	Retrofit electric drivetrain systems to bicycles

Bicycle Mechanic Career Pathways



THE BICYCLE ACADEMY - MECHANIC PATHWAY

Workshop Pre- Apprenticeship (Bike Builder)	Technician Cytech 1	Technician Cytech 2 & 3	Master Technician	Bicycle Industry Business Leader
- School-Based Apprentice - Direct Entry-Level Role	Novice Bicycle Technician	Qualified Bicycle Technician	Master Bicycle Technician	Workshop & Bicycle Store Leadership
Bike Builders/Apprentice Technicians unpack, build and/ or 'de-build' bicycles ready for customers and/or shipping. This program is designed with flexible hours so it can be completed, casually, by school leavers or others seeking to explore a bicycle technician or retail store career.	The technician services, repairs and builds bikes to a high quality standard. The workshop is fully equipped with the latest tooling & technology and the technicians give expert advice to customers. Our technician training includes the Industry certified Cytech program & the Aust Certificate III qualification.	Our qualified technicians will; - Service & repair bicycles. - Give expert advice & recommendations to customers - Be responsible for updating & ordering stock & managing the workshop operations. - Complete general shop duties. - Train and mentor other technicians.	The Master Technician is a fully qualified expert in all aspects or repair, servicing & workshop operations. They are a leader in the workshop but not always the TL. The master is an expert who is a critical resource for customers & the the entire business. They lead, mentor & train other technicians.	This program is designed to attract, retain and develop the best Workshop, Retail Store Managers & Business Owners by placing them on a targeted career development plan, including customised management units of competency.
Units of Study From: • AUR30220 Certificate III Bicycle Workshop Ops • AAUR31012 Certificate III Automotive Sales	Qualification (Technical) • AUR30220 Certificate III Bicycle Workshop Ops • Cytech Level 1 Certified	Qualification (Technical) • AUR30220 Certificate III Bicycle Workshop Ops • Cytech Level 2 & 3 Certified	Qualification (Cross-Discipline) • AUR31012 Certificate III Automotive Sales • BSB51918 Diploma Leadership & Management	Qualification (Leadership) • BSB51918 Diploma Leadership & Management • University Career Pathways Programs
Cytech & Cert III Technician Pathway:0-24 months (RPL prior experience/study available)			Bicycle Industry Devel	opment Pathway
 School-Based Apprentice 'Casual' Employees - career changers/2nd job/University students/holiday job. Pre-employment job trials & employment opportunities 	 Mechanically minded/trade Some 'tinkering' experience Driven & task mastery goals Passion for bikes & riding Communicator & team centric Detail & process focused 	Technical 1 plus; Identified career pathway Brand aligned values & goals Expert technical skills	Technical 1/2/3 plus; Master of all technical skills Trains/mentors others Holistic bicycle business understanding Industry expertise	Future industry senior leader or bicycle business owner/franchisee.



To find out more today,contact us on 1300 039 000 or email thebicycleacademy@industrygraduates.com

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