

Torq Zone Academy has been training bicycle mechanics since 2014 at its site in Centurion, Pretoria.

## What makes us the Bicycle Training Centre of Excellence?

- National Qualification accreditation
- International Cytech technical accreditation
- Professional, fully equipped Unior Bike Tool workshop
- Fully qualified facilitation
- Commitment to the bicycle mechanic occupation

## Training Offerings

Torq Zone Academy offers the internationally recognised, United Kingdom based Cytech technical scheme for bicycle technicians which is also offered in Canada and Australia and is accredited by the Quality Council for Trades and Occupations (QCTO) to offer the national qualification Occupational Certificate: Bicycle Mechanic, NQF Level 4.

**Junior Technician Programme** – Learning on this programme forms the foundation and core of bicycle maintenance and repair. Learning areas cover knowledge and skills related to workshop practices and legislation, frame preparation, groupset servicing and repair, and basic wheel building. We regard this programme as the bare minimum for aspiring technicians.

Cytech Alignment	Entry Requirement	Duration	Course Fee
Cytech technical one which includes: <ul style="list-style-type: none"> <li>• Technical one theory (online)</li> <li>• Technical one practical (class-based)</li> </ul>	NQF Level 2 with Communication	<ul style="list-style-type: none"> <li>• Technical one theory (online) – 60 days to complete</li> <li>• Technical one practical (class-based) – 2 days</li> </ul>	<ul style="list-style-type: none"> <li>• Technical one theory (online) – R2,200</li> <li>• Technical one practical (class-based) – R3,900</li> </ul>
Cytech technical two	Cytech technical one	8 days	R16,900

## Course Breakdown

Course	Component	Learning areas
Cytech technical one	Theory (online)	<ul style="list-style-type: none"> <li>• Workshop practices</li> <li>• Torque</li> <li>• Lubrication</li> <li>• Tyres and tubes</li> <li>• Manufacturers</li> <li>• Health and safety</li> <li>• Consumer legislation</li> </ul>
	Practical (class-based)	<ul style="list-style-type: none"> <li>• Frame alignment &amp; preparation <ul style="list-style-type: none"> <li>○ Rear triangle alignment</li> <li>○ Dropout alignment</li> <li>○ Hanger alignment</li> <li>○ Headtube facing &amp; reaming</li> <li>○ Bottom bracket shell facing &amp; tapping</li> <li>○ Fork crown facing</li> </ul> </li> </ul>

Course	Component	Learning areas
		<ul style="list-style-type: none"> <li>○ Threaded fork tapping</li> <li>○ Internal tapping</li> <li>● Pre-delivery inspection</li> </ul>
Cytech technical two	Groupset servicing and repair	<ul style="list-style-type: none"> <li>● Headsets</li> <li>● Cranksets</li> <li>● Bottom brackets</li> <li>● Gears</li> <li>● Hubs</li> <li>● Brakes</li> </ul>
	Wheel building	<ul style="list-style-type: none"> <li>● Spoke length calculation</li> <li>● Wheel lacing</li> <li>● Wheel truing</li> </ul>

**Senior Technician Programme** – Learning on this programme focusses on the knowledge and skills related to bicycle specialist componentry maintenance. Learning areas covered include hydraulic brake servicing and repair, suspension servicing and repair, advanced wheel building, and electronic groupsets setup.

Cytech Alignment	Entry Require-ment	Duration	Course Fee
Cytech technical three	Junior Technician Programme	6	R16,300

### Course Breakdown

Course	Component	Learning areas
Cytech technical three	Hydraulic brakes	<ul style="list-style-type: none"> <li>● Mount &amp; post preparation</li> <li>● Lever servicing</li> <li>● Calliper servicing</li> <li>● Hose installation</li> <li>● Brake bleeding</li> </ul>
	Suspension	<ul style="list-style-type: none"> <li>● Suspension fork servicing</li> <li>● Rear shock servicing</li> <li>● Pivot servicing</li> </ul>
	Advanced wheel building	<ul style="list-style-type: none"> <li>● Offset rim &amp; frame spoke length calculation</li> <li>● Asymmetrical rim spoke length calculation</li> <li>● Straight pull spoke lacing</li> <li>● Spoke tying &amp; soldering</li> </ul>
	Electronic groupsets	<ul style="list-style-type: none"> <li>● Shimano Di2 (road) installation &amp; setup</li> <li>● SRAM AXS (MTB) installation &amp; setup</li> </ul>

### Entry Requirements

We have no strict academic entry requirements, but learners should be older than 16 years (no maximum age), have a good command of English, ability to measure in millimetres, a basic mechanic aptitude, and a willingness to learn.

## Course Schedule

We run a set of these programmes every month for six learners at a time. The learner can choose to complete them consecutively in one calendar month, or staggered over a period of their determination.

Classes run from 08h30 to 16h00 on weekdays at our site in the Doringkloof Mall, Centurion, Pretoria.

To see the course schedule and/or make a booking go to [www.torqzoneacademy.co.za](http://www.torqzoneacademy.co.za).

## Savings Packages

The following savings packages are available for course fees paid upfront:

Savings Package	Programmes	Normal Price	Package price	Savings
Gold (15% Saving)	Junior & Senior Technician Programmes (Cytech technical one, two & three)	R39,300	R33,405	R5,895
Silver (10% Saving)	Junior Technician Programme (Cytech technical one and two)	R23,000	R20,700	R2,300

## Certification

A Cytech technical certificate is issued on successful completion, at the end of each course by Cytech in the United Kingdom.

## Contact Information

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