



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Balance A Wheel Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 119746 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills to balance a wheel correctly, ensuring vehicle safety, optimal tyre performance, and compliance with industry standards. It covers the theoretical principles of wheel balancing, the use of balancing equipment, and the importance of accurate balancing for road safety.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	119746
Accreditation	SAQA Accredited · NQF Level 2 · 4 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate knowledge of wheel balancing principles and the effects of imbalance on vehicle handling and tyre wear.
- Identify and select appropriate balancing equipment and weights for different wheel and tyre combinations.
- Prepare the wheel and tyre assembly for balancing by cleaning and mounting it correctly on the balancer.
- Perform static and dynamic wheel balancing according to manufacturer specifications and safety procedures.
- Verify the balance of the wheel assembly and make corrective adjustments as needed.
- Apply safety practices and quality control measures during the wheel balancing process.

WHO SHOULD ATTEND

- This course is designed for tyre fitters, automotive technicians, and workshop personnel responsible for wheel balancing in the automotive repair and maintenance industry.

COURSE OUTLINE

Day 1: Fundamentals of Wheel Balancing

- Introduction to wheel balancing: static vs. dynamic imbalance
- Consequences of imbalance: vibration, tyre wear, steering issues
- Overview of balancing equipment: types, components, and calibration
- Wheel preparation: cleaning, inspection, and tyre condition assessment
- Mounting procedures: centring cones, back flanges, and adapters
- Operating the balancing machine: inputting rim dimensions, spinning, and reading results
- Weight selection and placement: adhesive vs. clip-on weights, correct positioning
- Safety practices: personal protective equipment, machine guards, and housekeeping

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **4 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
31 Jul 2026	31 Jul 2026	On-Campus	Lagos, Nigeria
03 Aug 2026	03 Aug 2026	On-Campus	Mauritius
04 Aug 2026	04 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	05 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
06 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
07 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	10 Aug 2026	On-Campus	Cape Town, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 119746) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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