



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

Understand The Body Construction And Safety Features Of A Vehicle Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 119736 · NQF Level 2 · 4 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with a comprehensive understanding of vehicle body construction and safety features. It is designed to enhance knowledge of structural integrity, passive and active safety systems, and the role of materials and design in occupant protection. The training aims to promote safety awareness and compliance with industry standards in automotive environments.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	119736
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

- Identify and describe the main components of vehicle body construction, including materials and structural elements.
- Explain the function and operation of passive safety features such as airbags, seatbelts, and crumple zones.
- Analyze the role of active safety systems, including braking and stability control, in accident prevention.
- Evaluate the impact of vehicle design and materials on occupant protection during collisions.
- Apply knowledge of safety features to conduct basic vehicle safety inspections and identify potential hazards.
- Demonstrate an understanding of regulatory standards and best practices related to vehicle safety.

WHO SHOULD ATTEND

- This course is intended for automotive technicians, workshop supervisors, fleet managers, and individuals involved in vehicle maintenance, repair, or safety inspections who need to understand vehicle body construction and safety features.

COURSE OUTLINE

Day 1: Understanding Vehicle Body Construction and Safety Features

- Overview of vehicle body types (sedan, SUV, hatchback) and their structural differences.
- Body construction materials: steel, aluminium, composites, and their impact on safety.
- Chassis and monocoque construction: load-bearing structures and crashworthiness.
- Crumple zones: design principles and energy absorption during collisions.
- Restraint systems: seatbelts, pretensioners, and airbags (front, side, curtain).
- Safety glass, door reinforcements, and roll-over protection.
- Active vs passive safety features: ABS, ESC, and advanced driver-assistance systems (ADAS).
- Regulatory standards and SAQA requirements for vehicle safety components.

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
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
11 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE

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 119736) 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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