



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

Vehicle Forecourt Maintenance Functions

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 256599 · NQF Level 2 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the practical skills and knowledge required to perform essential vehicle maintenance functions on the forecourt, including safety checks, basic servicing tasks, and customer interaction. It ensures that learners can competently carry out routine maintenance procedures in a petrol station or automotive service environment, adhering to industry standards and safety regulations.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	256599
Accreditation	SAQA Accredited · NQF Level 2 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply safety procedures when performing vehicle maintenance on the forecourt.
- Demonstrate the ability to conduct basic vehicle checks, including tyre pressure, oil, and water levels.
- Implement correct procedures for refuelling and handling hazardous materials.
- Perform routine cleaning and maintenance of forecourt equipment and work areas.
- Communicate effectively with customers regarding vehicle maintenance needs and services.
- Comply with relevant health, safety, and environmental regulations during forecourt operations.

WHO SHOULD ATTEND

- This course is ideal for forecourt attendants, service station staff, and entry-level automotive service workers who need to perform basic vehicle maintenance tasks as part of their daily duties.

COURSE OUTLINE

Day 1: Introduction to Vehicle Forecourt Maintenance

- Overview of vehicle forecourt layouts and functions
- Key forecourt equipment: fuel dispensers, pumps, nozzles, hoses, tanks
- Safety protocols: PPE, fire prevention, spill response
- Environmental compliance: waste management, fuel vapour recovery
- Introduction to maintenance schedules and record-keeping

Day 2: Fuel Dispensing Systems and Components

- Fuel dispenser anatomy: pump, meter, computer, hose, nozzle
- Types of fuel: petrol, diesel, biofuels, and their handling
- Inspection of hoses, nozzles, and breakaway fittings
- Fuel filters and water separators: function and maintenance
- Calibration basics and accuracy checks

Day 3: Underground Storage Tanks and Piping Systems

- UST construction: materials, coatings, cathodic protection
- Tank monitoring: automatic tank gauges, interstitial monitoring
- Leak detection methods: statistical inventory reconciliation, vapour monitoring
- Spill prevention equipment: overfill prevention, drop tubes
- Piping systems: suction vs. pressure, materials, leak detection

Day 4: Forecourt Safety Systems and Emergency Response

- Emergency stop buttons, fire extinguishers, and suppression systems
- Spill containment and clean-up procedures
- Hazardous area zoning (ATEX/IECEx) and equipment selection
- Static electricity grounding and bonding
- Personal protective equipment (PPE) requirements

Day 5: Routine Maintenance and Inspection Procedures

- Preventive maintenance checklists for dispensers and tanks
- Inspecting and replacing filters, gaskets, and seals
- Testing emergency shutdown and alarm systems
- Lubrication of moving parts and corrosion control
- Record-keeping: logs, maintenance reports, compliance documents

Day 6: Troubleshooting and Repair Techniques

- Fault-finding methodology: visual, auditory, and meter checks
- Common dispenser faults: meter inaccuracies, hose leaks, nozzle failures
- Electrical troubleshooting: sensors, relays, controllers
- Replacing components: nozzles, hoses, filters, breakaways
- Lockout/tagout (LOTO) procedures for equipment maintenance

Day 7: Integrated Practical Assessment and Course Review

- Practical assessment: inspect and service a fuel dispenser
- Simulated emergency: fuel spill response and fire drill
- Documentation: complete maintenance logs and incident reports
- Course review: Q&A, key takeaways, and next steps

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 **10 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	19 Aug 2026	On-Campus	Mauritius
12 Aug 2026	20 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
14 Aug 2026	24 Aug 2026	On-Campus	Pretoria, South Africa
17 Aug 2026	25 Aug 2026	On-Campus	Durban, South Africa
18 Aug 2026	26 Aug 2026	On-Campus	Shenzhen, China

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 256599) 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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