



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

Remove Replace And Align Body Parts Training

Manufacturing, Engineering and Technology / Manufacturing and Assembly

Unit Standard 119741 · NQF Level 2 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the skills to safely remove, replace, and align body parts in the context of automotive or mechanical repair. It covers the theoretical principles and practical techniques required to perform these tasks without causing damage or injury. By the end of the course, learners will be able to execute body part alignment procedures in accordance with industry standards.

Category	Manufacturing, Engineering and Technology
Subfield	Manufacturing and Assembly
Unit Standard	119741
Accreditation	SAQA Accredited · NQF Level 2 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate the correct procedures for removing body parts from a vehicle without causing damage.
- Apply appropriate techniques to replace body parts, ensuring proper fit and alignment.
- Evaluate the alignment of replaced body parts using specified tools and methods.
- Implement safety measures to prevent injury and damage during removal and replacement processes.
- Analyze vehicle manufacturer specifications to determine correct alignment tolerances.
- Design a step-by-step plan for removing and replacing a specific body part on a given vehicle.

WHO SHOULD ATTEND

- This course is intended for automotive technicians, panel beaters, and mechanics who are responsible for the repair and alignment of vehicle body parts.
- It is also suitable for apprentices and trainees in the automotive repair industry.

COURSE OUTLINE

Day 1: Fundamentals of Body Part Removal and Replacement

- Introduction to the unit standard and learning outcomes
- Basic anatomy and physiology relevant to body parts
- Principles of alignment and positioning
- Legal frameworks: Human Tissue Act and related regulations
- Overview of surgical instruments and prosthetic devices
- Infection control and sterilization protocols
- Documentation and record-keeping requirements

Day 2: Removal Techniques and Safety Protocols

- Step-by-step removal procedures for different body parts
- Aseptic technique and sterile field management
- Hemostasis and wound management during removal
- Handling and preservation of removed tissue
- Emergency scenarios: bleeding, shock, and infection control
- Hands-on practice with simulators and models
- Peer assessment and feedback on removal techniques

Day 3: Replacement and Alignment Procedures

- Types of replacements: prosthetic, autograft, allograft
- Alignment techniques: measuring angles and symmetry
- Fixation methods and their indications
- Post-replacement assessment: functional and cosmetic outcomes
- Complications: rejection, malalignment, infection
- Hands-on practice: replacement and alignment on models
- Troubleshooting common alignment issues

Day 4: Advanced Applications and Complex Cases

- Composite tissue transplantation principles
- Microsurgery basics: suturing vessels and nerves
- Managing scar tissue and previous surgical sites
- Case studies: traumatic injuries, congenital anomalies
- Team roles: surgeon, nurse, technician, anaesthetist
- Simulation of complex removal and replacement scenarios
- Ethical dilemmas in advanced cases

Day 5: Integration, Assessment, and Professional Practice

- Full procedure simulation: removal, replacement, alignment
- Summative assessment: practical and written components
- Review of documentation and reporting standards
- Quality assurance: audit trails and outcome monitoring
- Professional ethics and patient communication
- Career pathways and further training opportunities
- Course evaluation and certification process

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 **8 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 23,000.00	R 23,000.00
1	In-House	R 29,900.00	R 29,900.00
1	On-Campus (Pretoria)	R 34,500.00	R 34,500.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Pretoria, 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 119741) 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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