



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

Medical Pathology And Blood Transfusion Safety Compliance Training

Health Sciences and Social Services / Preventive Health

Unit Standard 114730 · NQF Level 4 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips healthcare professionals with the critical knowledge and skills to ensure safety in medical pathology and blood transfusion practices. It focuses on compliance with South African regulations, infection control, and quality assurance to minimize risks and enhance patient safety.

Category	Health Sciences and Social Services
Subfield	Preventive Health
Unit Standard	114730
Accreditation	SAQA Accredited · NQF Level 4 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply principles of infection control and biosafety in pathology and transfusion settings.
- Analyze the risks associated with blood transfusion and implement appropriate safety measures.
- Evaluate compliance with SAQA and relevant health regulations in pathology practices.
- Implement quality assurance procedures to ensure accuracy and safety in laboratory testing.
- Demonstrate correct procedures for handling, storage, and disposal of biological specimens.
- Design protocols for managing adverse transfusion reactions and emergency responses.

WHO SHOULD ATTEND

- This course is designed for medical laboratory technologists, nurses, blood bank staff, and healthcare practitioners involved in pathology and transfusion services.

COURSE OUTLINE

Day 1: Foundations of Medical Pathology and Blood Transfusion Safety

- Introduction to medical pathology: cellular injury, inflammation, and healing
- Composition and functions of blood: red cells, white cells, platelets, and plasma
- Overview of the immune system: innate and adaptive immunity
- ABO and Rh blood group systems: genetics and antigen-antibody reactions
- South African regulatory environment: SAQA, HPCSA, SANBS guidelines
- Ethical considerations in blood transfusion: consent, confidentiality, and donor rights

Day 2: Blood Transfusion Safety and Risk Management

- Pre-transfusion testing: sample collection, labelling, and compatibility testing
- Blood component preparation and storage: whole blood, packed red cells, platelets, FFP, cryoprecipitate
- Transfusion reactions: acute haemolytic, febrile non-haemolytic, allergic, bacterial contamination
- Infectious risks: HIV, hepatitis B/C, syphilis, malaria; donor screening and nucleic acid testing
- Haemovigilance systems: SHOT (Serious Hazards of Transfusion) and local reporting
- Cold chain management and transportation of blood products

Day 3: Clinical Application, Compliance, and Quality Assurance

- Clinical transfusion guidelines: anaemia, coagulopathy, massive transfusion, paediatrics, obstetrics
- Patient blood management (PBM): strategies to reduce allogeneic transfusion
- Quality management systems: SOPs, audits, competency assessment, document control
- Incident reporting and investigation: near misses, adverse events, traceability
- Accreditation standards: SANAS, HPCSA, ISO 15189 for transfusion laboratories
- Case studies: practical scenarios in transfusion safety and compliance

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 **6 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,900.00	R 17,900.00
1	In-House	R 23,300.00	R 23,300.00
1	On-Campus (Pretoria)	R 26,800.00	R 26,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Mauritius
12 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	19 Aug 2026	On-Campus	Shenzhen, China
17 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
18 Aug 2026	20 Aug 2026	On-Campus	Harare, Zimbabwe
18 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, 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 114730) 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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