



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

Haematology Biological Specimen Handling

Health Sciences and Social Services / Curative Health

Unit Standard 257197 · NQF Level 3 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips laboratory personnel with the knowledge and skills to safely and correctly handle, transport, store, and process biological specimens in a haematology laboratory. It ensures compliance with standard operating procedures and quality assurance requirements, minimizing risks to staff and patients.

Category	Health Sciences and Social Services
Subfield	Curative Health
Unit Standard	257197
Accreditation	SAQA Accredited · NQF Level 3 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply standard precautions and infection control measures when handling biological specimens.
- Demonstrate correct procedures for receiving, labelling, and storing haematology specimens.
- Evaluate specimen quality and identify factors that may compromise test results.
- Implement proper transport and disposal protocols for biological specimens.
- Apply relevant health and safety legislation and laboratory policies.
- Analyze documentation and record-keeping requirements for specimen traceability.

WHO SHOULD ATTEND

- This course is designed for laboratory technicians, technologists, and assistants working in haematology laboratories who are responsible for specimen handling.

COURSE OUTLINE

Day 1: Introduction to Biological Specimen Handling and Safety

- Overview of haematology and biological specimen types
- Principles of specimen collection: venipuncture, capillary sampling
- Safety precautions: PPE, biohazard waste disposal
- Infection control and prevention of cross-contamination
- Legal and ethical frameworks: confidentiality, consent
- Documentation and labelling requirements
- Chain of custody procedures
- Introduction to quality assurance in specimen handling

Day 2: Specimen Processing, Storage, and Transport

- Processing techniques: centrifugation, aliquoting, separation
- Specimen storage conditions: temperature, light, time limits
- Transport logistics: packaging, temperature control, courier procedures
- Factors affecting specimen integrity: haemolysis, clotting, contamination
- Common errors in handling and corrective actions
- Quality control checks during processing and transport
- Documentation for processing and transport logs
- Regulatory requirements for specimen transport

Day 3: Advanced Applications and Practical Integration

- Special considerations for challenging populations
- Handling specimens for coagulation, cytogenetics, molecular tests
- Case studies: troubleshooting specimen rejection and recollection
- Quality indicators and continuous improvement
- Developing and reviewing standard operating procedures
- Audit and inspection preparation for specimen handling
- Emerging technologies in specimen management
- Final assessment and feedback

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 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 13,200.00	R 13,200.00
1	In-House	R 17,200.00	R 17,200.00
1	On-Campus (Pretoria)	R 19,800.00	R 19,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	26 Aug 2026	On-Campus	Harare, Zimbabwe
24 Aug 2026	26 Aug 2026	On-Campus	Abu Dhabi, UAE
25 Aug 2026	27 Aug 2026	On-Campus	Bangkok, Thailand
25 Aug 2026	27 Aug 2026	On-Campus	Durban, South Africa
26 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
26 Aug 2026	28 Aug 2026	On-Campus	Shenzhen, China
31 Aug 2026	02 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	02 Sep 2026	On-Campus	Bangkok, Thailand

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 257197) 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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