



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

Basic Microbiology Principles For Cleaning And Sanitation Training

Services / Cleaning, Domestic, Hiring, Property and Rescue Services

Unit Standard 110471 · NQF Level 2 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips cleaning and sanitation staff with foundational knowledge of microbiology principles relevant to their work. Learners will understand how microorganisms spread, survive, and are controlled through effective cleaning and disinfection practices, enabling them to maintain hygienic environments and reduce infection risks.

Category	Services
Subfield	Cleaning, Domestic, Hiring, Property and Rescue Services
Unit Standard	110471
Accreditation	SAQA Accredited · NQF Level 2 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply basic microbiological principles to identify potential contamination risks in cleaning and sanitation contexts.
- Demonstrate correct cleaning and disinfection techniques to control microbial growth and prevent cross-contamination.
- Analyze the factors influencing microbial survival and growth to select appropriate cleaning agents and methods.
- Implement hygiene protocols based on understanding of microorganisms' modes of transmission.
- Evaluate the effectiveness of sanitation procedures using microbiological indicators.

WHO SHOULD ATTEND

- This course is designed for cleaning supervisors, sanitation workers, and facility management staff in industries such as healthcare, hospitality, and food services who require a scientific understanding of cleaning and disinfection.

COURSE OUTLINE

Day 1: Foundations of Microbiology for Cleaning and Sanitation

- Introduction to microbiology: bacteria, viruses, fungi, and protozoa.
- Microbial growth requirements: nutrients, moisture, temperature, pH, time.
- Sources of contamination: surfaces, air, water, personnel, raw materials.
- Principles of cleaning: removal of soil and organic matter.
- Principles of sanitation: reduction of microbial load to safe levels.
- Overview of cleaning and sanitation agents: detergents, disinfectants, sanitizers.
- Factors influencing efficacy: concentration, contact time, temperature, pH.
- Regulatory standards and guidelines (e.g., SAQA, SANS, HACCP).

Day 2: Practical Application and Verification of Sanitation

- Microbiological sampling methods: swabs, contact plates, rinse samples.
- Rapid testing methods: ATP bioluminescence, dip slides.
- Interpreting results: acceptable limits, trends, and hotspots.
- Developing SSOPs: steps, frequencies, responsibilities.
- Verifying cleaning: visual inspection, microbiological testing, records.
- Corrective actions: re-cleaning, adjusting chemicals, training.
- Record keeping and documentation for audits.
- Case studies: common failures and best practices in food processing.

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 **5 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	04 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	04 Aug 2026	On-Campus	Mauritius
03 Aug 2026	04 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	06 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
05 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Mauritius
11 Aug 2026	12 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 110471) 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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