



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

Large-Scale Pharmaceutical Manufacturing Concepts and Terminology

Health Sciences and Social Services / Curative Health

Unit Standard 256480 · NQF Level 3 · 3 Credits · 1 Day

COURSE OVERVIEW

This course provides learners with a comprehensive understanding of the key concepts and terminology used in large-scale pharmaceutical manufacturing. It covers the principles of Good Manufacturing Practice (GMP), quality assurance, and the regulatory framework governing pharmaceutical production in South Africa. The purpose is to equip learners with the foundational knowledge required to operate effectively in a pharmaceutical manufacturing environment.

Category	Health Sciences and Social Services
Subfield	Curative Health
Unit Standard	256480
Accreditation	SAQA Accredited · NQF Level 3 · 3 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Define and explain key terms and concepts used in large-scale pharmaceutical manufacturing.
- Apply the principles of Good Manufacturing Practice (GMP) to pharmaceutical production processes.
- Identify and describe the stages of pharmaceutical manufacturing, from raw material handling to finished product release.
- Analyze the role of quality assurance and quality control in ensuring product safety and efficacy.
- Demonstrate awareness of the regulatory requirements and documentation practices in pharmaceutical manufacturing.
- Evaluate the importance of contamination control, cleanroom classifications, and environmental monitoring.

WHO SHOULD ATTEND

- This course is designed for new entrants to the pharmaceutical manufacturing industry, including production operators, quality control technicians, and supervisory staff.
- It is also suitable for professionals from related fields seeking to expand their knowledge of pharmaceutical manufacturing processes.

COURSE OUTLINE

Day 1: Introduction to Large-Scale Pharmaceutical Manufacturing

- Overview of pharmaceutical manufacturing: from lab to production scale.
- Regulatory bodies and standards (SAHPRA, WHO GMP, PIC/S).
- Key manufacturing processes: blending, granulation, compression, coating, filling.
- Equipment types: mixers, tablet presses, encapsulators, filling lines.
- Terminology: batch, lot, master formula, batch record, deviation, validation.
- Quality control and assurance: in-process controls, sampling, testing.
- Documentation practices: SOPs, logbooks, change control.
- Safety and environmental considerations in manufacturing.

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 **3 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 12,800.00	R 12,800.00
1	In-House	R 16,600.00	R 16,600.00
1	On-Campus (Pretoria)	R 19,200.00	R 19,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
07 Jul 2026	07 Jul 2026	On-Campus	Mombasa, Kenya
08 Jul 2026	08 Jul 2026	On-Campus	Luanda, Angola
09 Jul 2026	09 Jul 2026	On-Campus	Kigali, Rwanda
10 Jul 2026	10 Jul 2026	On-Campus	Kinshasa, DRC
13 Jul 2026	13 Jul 2026	On-Campus	Accra, Ghana
14 Jul 2026	14 Jul 2026	On-Campus	Dar es Salaam, Tanzania
14 Jul 2026	14 Jul 2026	On-Campus	Luanda, Angola
15 Jul 2026	15 Jul 2026	On-Campus	Kigali, Rwanda

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 256480) 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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