



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

Production Machine Data Capture And Retrieval Skills Training

Agriculture and Nature Conservation / Secondary Agriculture

Unit Standard 114152 · NQF Level 3 · 2 Credits · 1 Day

COURSE OVERVIEW

This course equips learners with the skills to capture production machine data accurately and retrieve it efficiently for analysis and decision-making. Participants will learn to use data capture devices and software, ensuring data integrity and supporting production performance monitoring.

Category	Agriculture and Nature Conservation
Subfield	Secondary Agriculture
Unit Standard	114152
Accreditation	SAQA Accredited · NQF Level 3 · 2 Credits
Duration	1 day
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply data capture procedures to record production machine data accurately using specified devices and software.
- Demonstrate the ability to retrieve stored production data from databases and reporting systems.
- Analyze captured data to identify trends, anomalies, and areas for production improvement.
- Implement data quality checks to ensure completeness and accuracy of captured information.
- Evaluate the effectiveness of data capture methods and recommend improvements.
- Design basic reports from retrieved data to support production decision-making.

WHO SHOULD ATTEND

- This course is ideal for production operators, data capturers, and junior technicians who are responsible for capturing machine data on the factory floor.
- It is also suitable for team leaders and supervisors seeking to improve data-driven production oversight.

COURSE OUTLINE

Day 1: Fundamentals of Production Machine Data Capture

- Introduction to production machine data capture and retrieval.
- Types of production data: cycle times, downtime, output counts, quality metrics.
- Data capture methods: manual logging, sensors, PLCs, SCADA systems.
- Data storage and retrieval: databases, spreadsheets, MES.
- Data accuracy and validation techniques.
- Reporting and visualization of production data.
- Case studies: real-world applications in manufacturing.
- Safety and ethical considerations in data handling.

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 **2 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
10 Aug 2026	10 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
12 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	12 Aug 2026	On-Campus	Mauritius
13 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
14 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	17 Aug 2026	On-Campus	Abu Dhabi, UAE
18 Aug 2026	18 Aug 2026	On-Campus	Durban, 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 114152) 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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