



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

Six Sigma Yellow Belt

Custom Courses / Procurement and Supply Chain Management

Unit Standard AATICD-0132 · NQF Level 5 · 10 Credits · 5 Days

COURSE OVERVIEW

This course provides participants with a foundational understanding of the Six Sigma methodology, focusing on the Define, Measure, Analyze, Improve, and Control (DMAIC) framework. Learners will gain the skills to identify process improvement opportunities, collect and analyze data, and contribute to quality improvement projects within their organizations.

Category	Custom Courses
Subfield	Procurement and Supply Chain Management
Unit Standard	AATICD-0132
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Explain the principles and benefits of Six Sigma and the DMAIC methodology.
- Identify process improvement opportunities using basic data collection and analysis techniques.
- Apply root cause analysis tools to determine underlying causes of process variation.
- Implement basic process control methods to sustain improvements.
- Demonstrate effective teamwork and communication skills in a Six Sigma project environment.
- Evaluate the impact of process changes on quality and customer satisfaction.

WHO SHOULD ATTEND

- This course is ideal for team members, process owners, and entry-level managers who wish to support process improvement initiatives and contribute to organizational excellence.

COURSE OUTLINE

Day 1: Introduction to Six Sigma and the DMAIC Methodology

- What is Six Sigma?
- Origins and evolution of Six Sigma
- Key concepts: variation, defects, and process capability
- DMAIC overview: Define, Measure, Analyze, Improve, Control
- Roles: Yellow Belt, Green Belt, Black Belt, Champion
- Benefits of Six Sigma in various industries

Day 2: The Define Phase - Project Selection and Problem Definition

- Project charter: problem statement, goal, scope, team
- SIPOC: Suppliers, Inputs, Process, Outputs, Customers
- Critical to Quality (CTQ) tree
- Voice of the Customer (VOC) and Kano model
- Project selection criteria and prioritization

Day 3: The Measure Phase - Data Collection and Baseline Measurement

- Data types: continuous vs. discrete
- Data collection techniques: check sheets, surveys
- Basic statistics and graphical analysis (histograms, run charts)
- Measurement system analysis (MSA) overview
- Calculating process sigma level
- Introduction to Minitab or Excel for data analysis

Day 4: The Analyze and Improve Phases - Root Cause Analysis and Solutions

- Cause-and-effect (fishbone) diagram
- 5 Whys technique
- Pareto charts (80/20 rule)
- Process mapping: current state vs. future state
- Brainstorming and solution selection matrix
- Pilot testing and implementation planning

Day 5: The Control Phase and Sustaining Improvements

- Control plans: documentation and monitoring
- Statistical Process Control (SPC): control charts (X-bar, R, p charts)
- Mistake-proofing (Poka-Yoke) examples
- Standard operating procedures (SOPs)
- Handover and project closure
- Yellow Belt certification requirements

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 24,200.00	R 24,200.00
1	In-House	R 31,400.00	R 31,400.00
1	On-Campus (Pretoria)	R 36,200.00	R 36,200.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
17 Aug 2026	21 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	21 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
31 Aug 2026	04 Sep 2026	On-Campus	Lusaka, Zambia
31 Aug 2026	04 Sep 2026	On-Campus	London, UK

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 AATICD-0132) 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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