



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

Apply Logistics Engineering Principles In The Acquisition Management Process And During Operations Of A System Training

Business, Commerce and Management Studies / Procurement

Unit Standard 119856 · NQF Level 5 · 8 Credits · 5 Days

COURSE OVERVIEW

This course equips learners with the ability to apply logistics engineering principles throughout the system acquisition lifecycle and during operational phases. It focuses on integrating logistical considerations into acquisition management and ensuring system supportability, reliability, and maintainability.

Category	Business, Commerce and Management Studies
Subfield	Procurement
Unit Standard	119856
Accreditation	SAQA Accredited · NQF Level 5 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply logistics engineering principles to the acquisition management process.
- Analyze system supportability requirements during the acquisition lifecycle.
- Evaluate logistics support analysis outputs to influence system design.
- Implement integrated logistics support (ILS) elements during system operations.
- Demonstrate the ability to manage logistics engineering activities in a project context.
- Assess the impact of logistics decisions on system lifecycle costs and performance.

WHO SHOULD ATTEND

- Procurement and supply chain professionals, logistics engineers, project managers, and system acquisition specialists involved in the acquisition and operation of complex systems within corporate or government environments.

COURSE OUTLINE

Day 1: Introduction to Logistics Engineering and the Acquisition Management Process

- Overview of logistics engineering concepts
- The system lifecycle and acquisition phases
- Key principles: reliability, maintainability, supportability
- Introduction to the acquisition management process
- Roles and responsibilities in logistics engineering

Day 2: Logistics Engineering in the Pre-Acquisition and Acquisition Phases

- Logistics support analysis (LSA) process
- Design for supportability: reliability and maintainability analysis
- Life cycle cost analysis in acquisition
- Trade-off studies and logistics considerations
- Documentation: logistics requirements in acquisition documents

Day 3: Logistics Engineering During System Development and Testing

- Maintainability verification and validation
- Supportability test and evaluation
- Configuration management of logistics elements
- Logistics data management and technical publications
- Supply chain integration during development

Day 4: Logistics Engineering During System Operations and Support

- Operations and support phase logistics activities
- Maintenance planning and resource management
- Spare parts determination and inventory management
- Performance metrics: availability, reliability, maintainability
- Feedback loops for system improvement

Day 5: Advanced Applications, Integration, and Course Review

- Case study: logistics engineering in a defence or industrial system
- Integration of logistics with systems engineering
- Emerging trends: digital logistics, IoT, predictive maintenance
- Assessment preparation and mock test
- Course review 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 **8 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 17,700.00	R 17,700.00
1	In-House	R 23,100.00	R 23,100.00
1	On-Campus (Pretoria)	R 26,700.00	R 26,700.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	28 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
24 Aug 2026	28 Aug 2026	On-Campus	Bangkok, Thailand
24 Aug 2026	28 Aug 2026	On-Campus	Harare, Zimbabwe
24 Aug 2026	28 Aug 2026	On-Campus	Shenzhen, China
24 Aug 2026	28 Aug 2026	On-Campus	Durban, South Africa
24 Aug 2026	28 Aug 2026	On-Campus	Abu Dhabi, UAE
31 Aug 2026	04 Sep 2026	On-Campus	Shenzhen, China
31 Aug 2026	04 Sep 2026	On-Campus	Harare, Zimbabwe

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 119856) 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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