



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

Analyse And Apply Engineering Management In An Acquisition Programme Training

Business, Commerce and Management Studies / Procurement

Unit Standard 119855 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips learners with the skills to analyse and apply engineering management principles within an acquisition programme context. Participants will learn to integrate technical, financial, and managerial aspects to ensure successful programme delivery. The course is designed to enhance decision-making and oversight capabilities in complex acquisition environments.

Category	Business, Commerce and Management Studies
Subfield	Procurement
Unit Standard	119855
Accreditation	SAQA Accredited · NQF Level 5 · 6 Credits
Duration	3 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Analyse the engineering management framework applicable to acquisition programmes.
- Apply systems engineering and life-cycle management principles to acquisition projects.
- Evaluate technical, cost, and schedule trade-offs using engineering management tools.
- Implement risk management strategies specific to acquisition programme engineering.
- Demonstrate effective integration of engineering disciplines within a programme management structure.

WHO SHOULD ATTEND

- This course is intended for engineering managers, project managers, and procurement professionals involved in acquisition programmes within the defence, aerospace, or industrial sectors.
- It is also suitable for technical leads and systems engineers seeking to strengthen their management competencies.

COURSE OUTLINE

Day 1: Foundations of Engineering Management in Acquisition

- Introduction to acquisition programmes: definitions, stakeholders, and lifecycle.
- Engineering management functions: planning, organising, leading, controlling.
- Systems engineering fundamentals: requirements analysis, design, integration.
- South African acquisition regulatory environment: PPPFA, ARMSCOR, and DoD policies.
- Case study: Overview of a typical acquisition programme in South Africa.

Day 2: Planning, Risk, and Contract Management

- Work breakdown structure (WBS) and scheduling tools.
- Risk management: identification, qualitative/quantitative analysis, response planning.
- Contract management: fixed-price, cost-reimbursable, incentive contracts.
- Configuration management: baseline control, change management.
- Technical performance measurement: metrics, earned value management (EVM).
- Workshop: Developing a risk register for an acquisition project.

Day 3: Integration, Review, and Practical Application

- Technical reviews: SRR, PDR, CDR, TRR, and FCA/PCA.
- Quality assurance and test & evaluation planning.
- Team leadership and stakeholder communication.
- Ethical considerations and professional responsibility.
- Capstone exercise: Simulated acquisition programme – from requirements to handover.
- Assessment 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 **6 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 18,800.00	R 18,800.00
1	In-House	R 24,500.00	R 24,500.00
1	On-Campus (Pretoria)	R 28,100.00	R 28,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	05 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	05 Aug 2026	On-Campus	Lagos, Nigeria
04 Aug 2026	06 Aug 2026	On-Campus	Dubai, UAE
04 Aug 2026	06 Aug 2026	On-Campus	Johannesburg, South Africa
05 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	07 Aug 2026	On-Campus	Mauritius
10 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
10 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 119855) 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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