



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

Port and Harbour Economics Fundamentals

Services / Transport, Operations and Logistics

Unit Standard 244455 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course provides a comprehensive understanding of port and harbour economics within the South African and global context. Learners will explore the economic principles governing port operations, including pricing, investment, and competition, to enhance strategic decision-making in the maritime industry.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	244455
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

- Explain the economic principles and concepts relevant to port and harbour operations.
- Analyze the role of ports in regional and international trade and economic development.
- Evaluate port pricing strategies and their impact on competitiveness.
- Assess investment decisions in port infrastructure and capacity.
- Apply economic frameworks to port governance and regulatory issues.
- Demonstrate understanding of port performance metrics and benchmarking.

WHO SHOULD ATTEND

- This course is designed for professionals in port management, logistics, and supply chain roles, as well as government officials and consultants involved in maritime policy and infrastructure development.

COURSE OUTLINE

Day 1: Introduction to Port and Harbour Economics

- Overview of port and harbour systems
- Economic significance of ports in supply chains
- Port governance models: landlord, tool, service, private
- Port pricing principles: marginal cost, average cost, Ramsey pricing
- Cost structures: fixed vs variable costs in port operations
- Port performance indicators: throughput, turnaround time, dwell time
- Introduction to port competition and cooperation

Day 2: Port Demand, Supply, and Market Dynamics

- Demand for port services: derived demand, elasticity
- Supply side: port capacity, congestion, investment cycles
- Market structures: monopoly, oligopoly, contestable markets
- Port pricing models: tariff structures, negotiation, discounts
- Investment appraisal: NPV, IRR, risk analysis
- Economic impact of ports: employment, value-added, multiplier effects
- Case studies on port demand and supply dynamics

Day 3: Strategic Issues and Policy in Port Economics

- Port competition: inter-port, intra-port, and modal competition
- Cooperation strategies: alliances, mergers, joint ventures
- Port policy: deregulation, privatisation, public-private partnerships
- Hinterland connectivity: corridors, logistics clusters
- Environmental economics: externalities, green port initiatives
- Port performance benchmarking and best practices
- Future trends: digitalisation, automation, mega-ships
- Final case study: economic analysis of a port investment

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
10 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Mauritius
11 Aug 2026	13 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
12 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	19 Aug 2026	On-Campus	Harare, Zimbabwe
17 Aug 2026	19 Aug 2026	On-Campus	Abu Dhabi, 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 244455) 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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