



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

Transport Economics Fundamentals

Services / Transport, Operations and Logistics

Unit Standard 255794 · NQF Level 5 · 10 Credits · 7 Days

COURSE OVERVIEW

This course provides a comprehensive introduction to the economics of transport, equipping learners with the foundational knowledge to understand how transport systems function within the broader economy. Participants will explore key economic principles, including supply and demand, costing, pricing, and regulation, as they apply to the transport sector. The course aims to develop critical thinking skills to analyze transport economic issues and contribute to informed decision-making in a corporate or public environment.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	255794
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply basic economic principles to analyze transport demand and supply dynamics.
- Evaluate the impact of transport costs, pricing strategies, and subsidies on market behavior.
- Analyze the role of government regulation and policy in shaping transport economics.
- Demonstrate an understanding of externalities, including congestion, pollution, and safety, in transport systems.
- Assess the economic implications of different transport modes and infrastructure investments.
- Interpret transport economic data to support operational and strategic decisions.

WHO SHOULD ATTEND

- This course is designed for professionals working in transport, logistics, supply chain management, or related fields who need to understand the economic fundamentals of transport.
- It is also suitable for managers, planners, and analysts seeking to enhance their knowledge of transport economics for strategic decision-making.

COURSE OUTLINE

Day 1: Introduction to Transport Economics

- Overview of transport economics
- Transport as a derived demand
- The transport system and its components
- Economic significance of transport in South Africa
- Key role-players: government, operators, users
- Introduction to supply and demand in transport markets
- Course objectives and assessment methods

Day 2: Transport Demand and Supply

- Determinants of transport demand
- Price and income elasticity of demand
- Cross-elasticity between modes
- Supply characteristics: fixed and variable costs
- Supply in road, rail, air, and maritime transport
- Equilibrium price and quantity
- Practical exercise: elasticity calculations

Day 3: Transport Costs and Pricing

- Classification of transport costs
- Cost functions: economies of scale and density
- Costing methods: marginal, average, total cost
- Pricing approaches: cost-plus, value-of-service, marginal cost pricing
- Subsidies and cross-subsidisation
- Case study: public transport pricing in South Africa

Day 4: Transport Market Structure and Regulation

- Market structures: perfect competition, monopoly, oligopoly
- Natural monopoly in rail and ports
- Regulatory bodies: DOT, SATS, PRASA
- Deregulation in road freight and aviation
- Competition policy in transport
- Regulation of taxi and bus industries
- Group discussion: pros and cons of deregulation

Day 5: Transport Investment and Project Appraisal

- Investment appraisal techniques
- Cost-benefit analysis framework
- Identifying and quantifying costs and benefits
- Discounting and net present value (NPV)
- Internal rate of return (IRR) and benefit-cost ratio (BCR)
- Risk and uncertainty in project appraisal
- Case study: highway expansion project

Day 6: Transport Policy and Planning

- Overview of transport policy in South Africa

- National Transport Master Plan (NATMAP) 2050
- Integrated transport plans (ITPs) at municipal level
- Policy instruments: fuel levies, tolls, subsidies
- Land-use transport interaction
- Public transport policy: BRT, rail, minibus taxi
- Group exercise: designing a policy for a city

Day 7: Current Issues and Future Trends in Transport Economics

- Urban congestion and road pricing
- Environmental externalities and carbon taxes
- Impact of e-hailing and ride-sharing
- Autonomous vehicles: economic implications
- Freight logistics and corridor development
- Case study: Gautrain economic impact
- Course review and assessment preparation

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 29,600.00	R 29,600.00
1	In-House	R 38,500.00	R 38,500.00
1	On-Campus (Pretoria)	R 44,400.00	R 44,400.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	12 Aug 2026	On-Campus	Mauritius
05 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
06 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
07 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	18 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	18 Aug 2026	On-Campus	Mauritius
11 Aug 2026	19 Aug 2026	On-Campus	Cape Town, 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 255794) 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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