



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

Geographic Principles for Trade Route Mapping

Services / Transport, Operations and Logistics

Unit Standard 252417 · NQF Level 3 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the fundamental geographic principles required to accurately map trade routes. It covers spatial concepts, map interpretation, and route analysis to support effective logistics and trade planning in a South African context.

Category	Services
Subfield	Transport, Operations and Logistics
Unit Standard	252417
Accreditation	SAQA Accredited · NQF Level 3 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply geographic principles to identify and describe key spatial features affecting trade routes.
- Analyze topographic and thematic maps to determine optimal route selection.
- Evaluate the impact of physical and human geography on trade route efficiency.
- Design a trade route map incorporating relevant geographic data and symbols.
- Demonstrate the use of coordinates, scales, and projections in route mapping.

WHO SHOULD ATTEND

- This course is designed for logistics coordinators, transport planners, and supply chain professionals who need to map and analyze trade routes using geographic principles.

COURSE OUTLINE

Day 1: Foundations of Geographic Principles for Trade

- Introduction to geographic principles: location, place, region, movement.
- Physical geography factors: topography, climate, natural resources.
- Historical trade routes: Silk Road, Spice Route, Trans-Saharan.
- Modern global trade corridors: maritime, rail, road, air.
- Key trade hubs and chokepoints: Suez Canal, Strait of Malacca, Panama Canal.
- Spatial analysis basics: distance decay, connectivity, accessibility.
- Introduction to Geographic Information Systems (GIS) for trade mapping.

Day 2: Practical Trade Route Mapping and Analysis

- Data sources for trade route mapping: satellite imagery, GIS layers, port statistics.
- Route selection criteria: distance, transit time, fuel costs, security.
- Geopolitical influences: trade agreements, customs, border controls.
- Environmental and social impact considerations.
- Case study: mapping a real-world trade route from Durban to Nairobi.
- Practical exercise: hands-on GIS mapping of a chosen trade corridor.
- Report writing: documenting route rationale and recommendations.

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 **5 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 15,400.00	R 15,400.00
1	In-House	R 20,000.00	R 20,000.00
1	On-Campus (Pretoria)	R 23,100.00	R 23,100.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	12 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
13 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	18 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 252417) 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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