



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aaticd.co.za · Website: www.aaticd.co.za

COURSE BROCHURE

Spatial Design Research Techniques Application Methods Training

Culture and Arts / Visual Arts

Unit Standard 117521 · NQF Level 5 · 6 Credits · 3 Days

COURSE OVERVIEW

This course equips participants with advanced techniques for applying spatial design research methods in real-world contexts. Learners will develop the ability to systematically investigate spatial problems, analyze user needs, and implement evidence-based design solutions that enhance functionality and aesthetic quality.

Category	Culture and Arts
Subfield	Visual Arts
Unit Standard	117521
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

- Apply spatial design research methods to identify and define design problems.
- Analyze qualitative and quantitative data to inform spatial design decisions.
- Evaluate the effectiveness of different research techniques for specific design contexts.
- Design a research framework that integrates user-centered and evidence-based approaches.
- Implement research findings to develop innovative spatial design solutions.
- Demonstrate ethical considerations and cultural sensitivity in spatial design research.

WHO SHOULD ATTEND

- This course is designed for interior designers, architects, urban planners, and spatial design professionals seeking to deepen their research methodology skills.
- It is also suitable for project managers and consultants involved in built environment projects.

COURSE OUTLINE

Day 1: Foundations of Spatial Design Research

- Introduction to spatial design research: scope and relevance.
- Overview of research methodologies: quantitative, qualitative, and mixed methods.
- Ethical principles: informed consent, confidentiality, and cultural sensitivity.
- Formulating research questions and hypotheses.
- Literature review techniques for spatial design.
- Data collection methods: surveys, observations, and interviews.
- Introduction to spatial analysis tools (e.g., GIS basics).

Day 2: Applied Research Techniques and Data Collection

- Qualitative methods: ethnographic observation, photo-elicitation, and participatory mapping.
- Quantitative methods: GIS spatial analysis, heat mapping, and statistical analysis.
- Sampling strategies for spatial research.
- Community engagement: stakeholder workshops and co-design sessions.
- Data management: coding, storage, and documentation.
- Hands-on exercise: conducting a site observation and mapping exercise.
- Introduction to data triangulation for validity.

Day 3: Synthesis, Analysis, and Reporting of Spatial Research

- Thematic analysis of qualitative data.
- Spatial statistics: pattern analysis and correlation.
- Integrating findings: mixed-methods synthesis.
- Visualizing data: maps, diagrams, and infographics.
- Writing a spatial research report: structure and style.
- Presenting findings to stakeholders.
- Reflective practice: evaluating research methods and outcomes.
- Final assessment: group presentation of a mini research project.

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
04 Aug 2026	06 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	06 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
10 Aug 2026	12 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	12 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	13 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	13 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 117521) 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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