



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

Specialised Concrete Finishing Techniques Application Training

Physical Planning and Construction / Civil Engineering Construction

Unit Standard 116559 · NQF Level 3 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips learners with advanced skills to apply specialised concrete finishing techniques in construction and civil engineering contexts. It covers decorative, textured, and high-performance finishes while emphasising quality control, defect prevention, and adherence to safety standards. By mastering these techniques, participants will enhance durability, aesthetics, and functionality of concrete surfaces.

Category	Physical Planning and Construction
Subfield	Civil Engineering Construction
Unit Standard	116559
Accreditation	SAQA Accredited · NQF Level 3 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply specialised concrete finishing techniques including stamping, polishing, and exposed aggregate to achieve specified surface textures and patterns.
- Analyse concrete surface defects and implement corrective actions to ensure quality and durability.
- Evaluate the suitability of different finishing methods for various environmental and structural conditions.
- Demonstrate safe handling of tools, chemicals, and equipment in accordance with OHS Act and site regulations.
- Implement quality control procedures to verify compliance with project specifications and industry standards.

WHO SHOULD ATTEND

- This training is designed for concrete finishers, construction supervisors, and artisans who have basic concrete experience and wish to specialise in advanced finishing methods.
- It is also suitable for site managers and quality controllers seeking to upskill in high-end concrete applications.

COURSE OUTLINE

Day 1: Introduction to Specialised Concrete Finishing

- Overview of specialised concrete finishing techniques
- Types of finishes: polished, stamped, exposed aggregate, coloured
- Safety procedures and personal protective equipment
- Quality standards and specifications (SANS 1200 series)
- Tools and equipment: trowels, floats, edgers, grinders
- Material selection: admixtures, sealers, colour hardeners

Day 2: Stamped and Patterned Concrete Finishes

- Preparation of substrate and concrete mix design
- Application of colour hardeners and release agents
- Stamping techniques: mats, rollers, and hand tools
- Timing and sequencing for optimal results
- Joint placement and control
- Common defects: cracking, colour variation, and surface imperfections

Day 3: Polished Concrete and Exposed Aggregate Finishes

- Polishing process: grinding steps, grit progression, densifiers
- Gloss levels: matte, satin, semi-gloss, high-gloss
- Exposed aggregate: seeding, surface retarders, washing
- Sealing and protection: penetrating sealers, topical coatings
- Maintenance: cleaning, re-polishing, repair of damaged areas
- Quality control: surface profile, uniformity, durability

Day 4: Advanced Techniques, Project Integration, and Assessment

- Decorative overlays: stampable overlays, spray textures
- Micro-toppings: application, colouring, and finishing
- Combination finishes: borders, patterns, and logos
- Quality assurance: adhesion tests, moisture testing, curing
- Project planning: scheduling, material estimation, cost control
- Practical assessment: complete a sample panel using multiple techniques

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 **7 NQF credits** at **NQF Level 3**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 20,500.00	R 20,500.00
1	In-House	R 26,600.00	R 26,600.00
1	On-Campus (Pretoria)	R 30,800.00	R 30,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
04 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	07 Aug 2026	On-Campus	Mauritius
04 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
04 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	13 Aug 2026	On-Campus	Mauritius
10 Aug 2026	13 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 116559) 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.

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 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za