



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@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Apply Plaster And Screeds To Surfaces Training

Physical Planning and Construction / Building Construction

Unit Standard 119065 · NQF Level 2 · 11 Credits · 8 Days

COURSE OVERVIEW

This course equips learners with the practical skills and theoretical knowledge required to apply plaster and screeds to various surfaces in the construction industry. It covers surface preparation, mixing of materials, application techniques, and quality control to ensure durable and aesthetically pleasing finishes.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119065
Accreditation	SAQA Accredited · NQF Level 2 · 11 Credits
Duration	8 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Prepare surfaces for plastering and screeding, including cleaning, dampening, and applying bonding agents.
- Mix plaster and screed materials according to specified ratios and consistency requirements.
- Apply plaster to walls and ceilings using appropriate techniques to achieve a smooth, level finish.
- Apply screeds to floors and other horizontal surfaces to specified thickness and slope.
- Demonstrate knowledge of safety practices and personal protective equipment (PPE) relevant to plastering and screeding.
- Inspect and evaluate finished work for quality, identifying and rectifying common defects.

WHO SHOULD ATTEND

- This course is designed for construction workers, plasterers, and artisans who need to apply plaster and screeds to surfaces as part of their job functions.
- It is also suitable for learners seeking to enter the construction industry and gain foundational skills in plastering.

COURSE OUTLINE

Day 1: Introduction to Plastering and Screeding

- Overview of unit standard 119065 and course outcomes.
- Types of plaster: cement, lime, gypsum, and polymer-modified.
- Types of screeds: bonded, unbonded, floating, and heated.
- Material properties: setting time, workability, strength.
- Safety: handling cement, dust control, PPE.
- Tools and equipment: trowels, floats, straight edges, mixing equipment.
- Principles of adhesion and substrate compatibility.
- Introduction to surface preparation: cleaning, wetting, keying.

Day 2: Surface Preparation and Substrate Assessment

- Substrate assessment: soundness, moisture content, suction.
- Cleaning methods: wire brushing, pressure washing, chemical cleaning.
- Mechanical keying: hacking, scabbling, or etching.
- Bonding agents: SBR, PVA, slurry coats.
- Repairing defects: filling cracks, patching holes.
- Mixing ratios for cement-sand plaster and lime-based mixes.
- Using mixing tools: mechanical mixers, hand mixing.
- Quality control of mix: consistency, workability.

Day 3: Applying Plaster to Walls – First Coat

- Setting out: thickness gauges, screed strips, profiles.
- Applying the scratch coat: techniques for vertical and horizontal surfaces.
- Using darby and straight edge to level.
- Cutting in to corners and around openings.
- Scoring the scratch coat for keying.
- Curing and initial drying considerations.
- Common faults: hollow spots, cracking, sagging.
- Adjusting mix for suction and weather conditions.

Day 4: Applying Plaster to Walls – Second and Finish Coats

- Timing between coats: moisture content and setting.
- Applying the second coat: thickness, trowel strokes.
- Using straight edge and spot levels for flatness.
- Steel trowelling techniques: pressure, angle, timing.
- Achieving a smooth finish: water spraying, trowel marks.
- Finishing corners, edges, and reveals.
- Scaffold safety: setup, stability, access.
- Cleaning tools and equipment after use.

Day 5: Applying Screeds to Floors – Preparation and Mixing

- Floor substrate types: concrete, timber, existing screeds.
- Moisture testing: calcium carbide, hygrometer.
- Priming: SBR, epoxy, or latex primers.
- Screed types: bonded, unbonded, floating, reinforced.
- Calculating volume and material quantities.

- Mixing ratios for sand-cement screed.
- Use of fibres and additives for crack control.
- Installing perimeter expansion joints and movement joints.

Day 6: Applying Screeds to Floors – Laying and Finishing

- Setting out screed rails: levels, falls, spacing.
- Pouring and spreading screed.
- Tamping and compacting with a straight edge.
- Floating: using a wood or magnesium float.
- Trowelling: steel trowel for smooth finish.
- Creating a non-slip finish if required.
- Curing: wet hessian, plastic sheeting, curing compounds.
- Protection: traffic control, temperature, humidity.

Day 7: Advanced Techniques and Problem Solving

- Plastering arches, columns, and curved walls.
- Decorative finishes: sponge, swirl, skip trowel.
- External render: waterproofing additives, scratch and finish coats.
- Repair techniques: cutting out, bonding, layering.
- Defect diagnosis: causes of cracking, hollow areas, dusting.
- Efflorescence: identification and treatment.
- Screed repairs: patching, overlays, self-levelling compounds.
- Quality assurance: checking tolerances and standards.

Day 8: Integration, Assessment, and Certification

- Practical assessment: plastering a wall section and screeding a floor area.
- Assessment criteria: flatness, thickness, finish, safety.
- Written test: multiple choice and short answer questions.
- Self-evaluation and peer review.
- Instructor feedback on performance.
- Review of unit standard 119065 outcomes.
- Certification process and SAQA credits.
- Career pathways and further training opportunities.

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 **11 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 30,700.00	R 30,700.00
1	In-House	R 39,900.00	R 39,900.00
1	On-Campus (Pretoria)	R 46,000.00	R 46,000.00

UPCOMING SESSIONS

Start	End	Method	Venue
07 Aug 2026	18 Aug 2026	On-Campus	Pretoria, South Africa
07 Aug 2026	18 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	19 Aug 2026	On-Campus	Durban, South Africa
10 Aug 2026	19 Aug 2026	On-Campus	Mauritius
11 Aug 2026	20 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	21 Aug 2026	On-Campus	Dubai, UAE
13 Aug 2026	24 Aug 2026	On-Campus	Pretoria, South Africa
14 Aug 2026	25 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 119065) 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