



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

Install Roof Covering Training

Physical Planning and Construction / Building Construction

Unit Standard 119068 · NQF Level 2 · 12 Credits · 9 Days

COURSE OVERVIEW

This course equips learners with the knowledge and practical skills required to install roof coverings safely and efficiently. It covers the selection of appropriate materials, installation techniques, and adherence to relevant health and safety regulations. Successful completion enables learners to contribute effectively to roofing projects in the construction industry.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119068
Accreditation	SAQA Accredited · NQF Level 2 · 12 Credits
Duration	9 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply relevant health and safety legislation and workplace safety procedures during roof covering installation.
- Select and prepare roof covering materials and tools according to specifications and industry standards.
- Demonstrate correct installation techniques for various roof covering types, including metal, tile, and thatch.
- Inspect installed roof coverings for compliance with quality standards and rectify common defects.
- Implement waste management and environmental protection measures on site.
- Communicate effectively with team members and supervisors to ensure project coordination.

WHO SHOULD ATTEND

- This course is designed for individuals working in or entering the construction industry, particularly those involved in roofing, building maintenance, or related trades.
- It is suitable for apprentices, artisans, and site supervisors seeking formal recognition of their roofing installation skills.

COURSE OUTLINE

Day 1: Introduction to Roof Covering and Safety

- Overview of roof covering types: tiles, sheeting, and shingles.
- Introduction to SANS 10400 and OHS Act requirements.
- PPE selection and inspection.
- Tool identification: hammers, levels, cutters, and fasteners.
- Site safety induction and hazard identification.
- Basic first aid and emergency procedures.
- Material handling and storage basics.
- Documentation: site instructions and material data sheets.

Day 2: Substrate Preparation and Underlayment

- Substrate types: timber trusses, steel frames, and concrete decks.
- Inspection for levelness, structural integrity, and moisture content.
- Underlayment types: synthetic, bituminous, and breather membranes.
- Installation methods: overlapping, fixing, and sealing.
- Ventilation requirements for roof spaces.
- Batten and counter-batten spacing calculations.
- Fixing battens: fasteners, alignment, and gauge.
- Quality checks for underlayment and battens.

Day 3: Roof Tile Installation – Clay and Concrete Tiles

- Tile profiles: plain, interlocking, and double-lap.
- Laying patterns: staggered and straight courses.
- Cutting tiles: tools and techniques.
- Fixing methods: nails, clips, and mortar.
- Ridge and hip tile installation: bedding and pointing.
- Valley tile installation: lead or fibre cement valleys.
- Eaves and verge detailing.
- Quality inspection: alignment, overlap, and weatherproofing.

Day 4: Metal Roof Sheeting Installation

- Sheet profiles: corrugated, trapezoidal, and standing seam.
- Material types: galvanised steel, Colorbond, and aluminium.
- Laying sequence: bottom to top, end laps, side laps.
- Fasteners: self-drilling screws, washers, and spacing.
- Flashings: ridge, barge, apron, and valley.
- Closures: foam, rubber, and metal.
- Thermal expansion considerations.
- Safety: walking on metal roofs and fall protection.

Day 5: Roof Shingle Installation – Asphalt and Fibre Cement

- Shingle types: strip, individual, and laminated.
- Underlayment for shingles: felt, synthetic, or ice and water shield.
- Starter course installation: alignment and overhang.
- Nailing patterns: nail type, length, and placement.
- Field shingle installation: exposure, stagger, and alignment.

- Ridge and hip shingles: cutting and fixing.
- Valley flashing integration.
- Ventilation accessories for shingle roofs.

Day 6: Roof Penetrations and Flashing Details

- Types of penetrations: plumbing stacks, vents, chimneys, and skylights.
- Flashing materials: lead, aluminium, copper, and rubber.
- Step flashing for vertical walls.
- Chimney flashing: base, step, and counter flashing.
- Pipe flashings: rubber boots and lead sleeves.
- Skylight installation: curbs, flashing, and sealing.
- Roof window installation: integrated flashing kits.
- Testing for water tightness.

Day 7: Roof Drainage, Gutters, and Downpipes

- Gutter profiles: half-round, square, and box.
- Gutter materials: PVC, steel, and aluminium.
- Fall calculation and bracket spacing.
- Gutter installation: cutting, joining, and fixing.
- Downpipe installation: outlets, elbows, and connections.
- Rainwater heads and sumps.
- Leaf guards and gutter mesh.
- Testing for leaks and blockages.

Day 8: Quality Control, Defects, and Repairs

- Defects: misalignment, improper overlaps, fastener issues.
- Inspection tools: straightedge, level, moisture meter.
- Repair techniques: replacing tiles, patching sheeting, resealing.
- Leak detection methods.
- Manufacturer warranty requirements.
- Site documentation: checklists, photos, and sign-offs.
- Customer handover procedures.
- Maintenance tips for roof longevity.

Day 9: Practical Integration and Assessment

- Practical project: install a complete roof section including tiles, underlayment, flashings, and gutters.
- Team coordination and task allocation.
- Tool and material management.
- Safety compliance during the project.
- Final inspection and defect rectification.
- Completion of quality documentation.
- Review of unit standard outcomes.
- Summative assessment: theory and practical.

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 **12 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 33,300.00	R 33,300.00
1	In-House	R 43,300.00	R 43,300.00
1	On-Campus (Pretoria)	R 50,000.00	R 50,000.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
04 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	17 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	18 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	19 Aug 2026	On-Campus	Mauritius
10 Aug 2026	20 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	21 Aug 2026	On-Campus	Pretoria, 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 119068) 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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