



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

Colour Photocopier And Printer Maintenance Repair Training

Physical, Mathematical, Computer and Life Sciences / Information Technology and Computer Sciences

Unit Standard 114042 · NQF Level 5 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the skills to diagnose, maintain, and repair colour photocopiers and printers. It covers electromechanical systems, colour calibration, and troubleshooting techniques to ensure optimal performance and extended equipment lifespan.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Information Technology and Computer Sciences
Unit Standard	114042
Accreditation	SAQA Accredited · NQF Level 5 · 5 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate systematic fault-finding procedures on colour photocopier and printer subsystems.
- Apply preventive maintenance schedules to reduce downtime and extend equipment life.
- Analyze colour output quality issues and calibrate imaging systems to manufacturer specifications.
- Implement safe work practices during repair and maintenance of electrical and mechanical components.
- Evaluate and replace consumable parts such as toner cartridges, drums, fusers, and rollers.
- Document service histories and communicate technical findings to stakeholders.

WHO SHOULD ATTEND

- Technicians, field service engineers, and IT support staff responsible for maintaining colour photocopiers and printers in corporate or commercial environments.

COURSE OUTLINE

Day 1: Fundamentals of Colour Photocopier and Printer Technology

- Overview of colour photocopier and printer types (laser, LED, inkjet)
- Core components: toner cartridge, drum unit, fuser assembly, transfer belt, paper feed system
- Colour management: CMYK colour model, calibration, and profiling
- Safety procedures: electrical safety, laser safety, toner handling
- Basic diagnostics: error codes, test prints, and visual inspection
- Common issues: paper jams, colour misregistration, streaks, and faded prints

Day 2: Advanced Repair Techniques and Practical Integration

- Advanced troubleshooting: logic boards, power supplies, and sensor arrays
- Repair procedures: replacing fuser units, transfer belts, and laser scanners
- Preventive maintenance: cleaning, lubrication, and parts replacement schedules
- Colour calibration: using densitometers, spectrophotometers, and software tools
- Service documentation: logging repairs, parts ordering, and warranty compliance
- Customer communication and post-repair testing

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 11,900.00	R 11,900.00
1	In-House	R 15,400.00	R 15,400.00
1	On-Campus (Pretoria)	R 17,800.00	R 17,800.00

UPCOMING SESSIONS

Start	End	Method	Venue
24 Aug 2026	25 Aug 2026	On-Campus	Victoria Falls, Zimbabwe
24 Aug 2026	25 Aug 2026	On-Campus	Harare, Zimbabwe
24 Aug 2026	25 Aug 2026	On-Campus	Durban, South Africa
26 Aug 2026	27 Aug 2026	On-Campus	Abu Dhabi, UAE
26 Aug 2026	27 Aug 2026	On-Campus	Shenzhen, China
26 Aug 2026	27 Aug 2026	On-Campus	Bangkok, Thailand
01 Sep 2026	02 Sep 2026	On-Campus	Lusaka, Zambia
01 Sep 2026	02 Sep 2026	On-Campus	Victoria Falls, Zimbabwe

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 114042) 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