



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

Server Computer Assembly With Peripheral Installation Training

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

Unit Standard 114062 · NQF Level 5 · 5 Credits · 2 Days

COURSE OVERVIEW

This course equips learners with the practical skills and theoretical knowledge required to assemble server computers and install peripheral devices. Participants will gain hands-on experience in hardware configuration, system integration, and troubleshooting, ensuring they can set up and maintain reliable server systems in a corporate environment.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Information Technology and Computer Sciences
Unit Standard	114062
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

- Apply safety procedures and ESD precautions when handling server components.
- Assemble server hardware components, including CPU, RAM, storage, and power supply, into a chassis.
- Install and configure peripheral devices such as keyboards, mice, monitors, and network cables.
- Demonstrate the ability to test and verify server assembly and peripheral functionality.
- Troubleshoot common hardware and peripheral issues using diagnostic tools.
- Implement cable management and labeling for maintainable server installations.

WHO SHOULD ATTEND

- This course is designed for IT technicians, system administrators, and aspiring hardware specialists who need to assemble and configure server computers and peripherals in a professional setting.

COURSE OUTLINE

Day 1: Fundamentals of Server Hardware and Assembly

- Introduction to server types and form factors (rack, tower, blade)
- Server components: CPU, RAM, storage (HDD/SSD), RAID controllers, PSU, motherboard
- Safety and electrostatic discharge (ESD) prevention
- Tools and equipment for server assembly
- Step-by-step assembly: chassis preparation, motherboard installation, CPU and cooler, memory modules, storage drives, power supply, cabling
- Initial power-on and POST verification
- Basic BIOS/UEFI configuration

Day 2: Peripheral Installation, Configuration, and Testing

- Peripheral devices: KVM, UPS, network switches, external storage
- Network interface installation and cable management
- RAID configuration: levels, setup, and verification
- Operating system installation basics (server OS)
- System testing: stress tests, thermal checks, performance verification
- Troubleshooting common assembly issues
- Documentation and labeling standards

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 16,200.00	R 16,200.00
1	In-House	R 21,000.00	R 21,000.00
1	On-Campus (Pretoria)	R 24,300.00	R 24,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
06 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
06 Aug 2026	07 Aug 2026	On-Campus	Mauritius
06 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	11 Aug 2026	On-Campus	Abu Dhabi, UAE
10 Aug 2026	11 Aug 2026	On-Campus	Dubai, UAE
10 Aug 2026	11 Aug 2026	On-Campus	Mauritius
12 Aug 2026	13 Aug 2026	On-Campus	Cape Town, South Africa
12 Aug 2026	13 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 114062) 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