



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

Server Computer Installation With Peripherals Setup Training

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

Unit Standard 114063 · NQF Level 5 · 7 Credits · 4 Days

COURSE OVERVIEW

This course equips learners with the practical skills and theoretical knowledge required to install server computers and configure peripherals in a corporate environment. Participants will learn to set up, test, and troubleshoot server hardware and connected devices, ensuring reliable performance and adherence to industry standards.

Category	Physical, Mathematical, Computer and Life Sciences
Subfield	Information Technology and Computer Sciences
Unit Standard	114063
Accreditation	SAQA Accredited · NQF Level 5 · 7 Credits
Duration	4 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply safety procedures and ESD precautions during server hardware installation.
- Demonstrate the correct installation and configuration of server components, including CPU, RAM, storage, and power supply.
- Implement peripheral device setup, such as UPS, keyboard, mouse, monitor, and network cables, ensuring proper connectivity.
- Analyze system boot processes and verify BIOS/UEFI settings for optimal server performance.
- Evaluate and troubleshoot common hardware and peripheral issues using diagnostic tools.
- Document the installation process and create a basic server inventory report.

WHO SHOULD ATTEND

- This course is designed for IT support technicians, system administrators, and technical staff responsible for server installation and peripheral setup in small to medium enterprises.

COURSE OUTLINE

Day 1: Introduction to Server Hardware and Installation Planning

- Overview of server types and roles (file, print, application, database).
- Server hardware components: CPU, RAM, storage, power supply, motherboard.
- Safety and electrostatic discharge (ESD) precautions.
- Reading server manuals and installation guides.
- Site preparation: power, cooling, and rack mounting considerations.
- Asset tagging and documentation procedures.

Day 2: Server Hardware Installation and Configuration

- Physical installation: mounting server in rack, connecting power and network cables.
- Installing CPUs, RAM modules, and storage drives.
- Configuring RAID levels (0, 1, 5, 10) using controller utility.
- BIOS/UEFI setup: boot order, date/time, hardware monitoring.
- Running POST and hardware diagnostics.
- Firmware updates and driver installation.

Day 3: Operating System Installation and Network Configuration

- OS installation methods: DVD, USB, network boot.
- Partitioning and file system selection (NTFS, ext4).
- Network configuration: static IP, DNS, gateway.
- Server roles: Active Directory, DHCP, DNS, file sharing.
- Creating user accounts and groups.
- Basic firewall and security settings.
- Remote desktop/SSH access setup.

Day 4: Peripheral Setup, Testing, and Final Integration

- Connecting and configuring UPS (uninterruptible power supply).
- Installing external storage and tape drives.
- Network printer setup and sharing.
- Testing server performance: stress tests, disk I/O, network throughput.
- Troubleshooting hardware and software issues.
- Creating system documentation and inventory records.
- Handover procedures and user training basics.

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 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 21,500.00	R 21,500.00
1	In-House	R 27,900.00	R 27,900.00
1	On-Campus (Pretoria)	R 32,300.00	R 32,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
11 Aug 2026	14 Aug 2026	On-Campus	Durban, South Africa
11 Aug 2026	14 Aug 2026	On-Campus	Abu Dhabi, UAE
11 Aug 2026	14 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	14 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
11 Aug 2026	14 Aug 2026	On-Campus	Mauritius
17 Aug 2026	20 Aug 2026	On-Campus	Dubai, UAE
17 Aug 2026	20 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 114063) 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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