



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

Internet Fundamentals And Website Components Explained Training

Business, Commerce and Management Studies / Marketing

Unit Standard 117692 · NQF Level 6 · 8 Credits · 5 Days

COURSE OVERVIEW

This course provides a comprehensive understanding of the internet's fundamental concepts and the components that make up websites. Learners will gain the knowledge to explain how the internet works, identify website structures, and apply this understanding in practical contexts.

Category	Business, Commerce and Management Studies
Subfield	Marketing
Unit Standard	117692
Accreditation	SAQA Accredited · NQF Level 6 · 8 Credits
Duration	5 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Explain the fundamental concepts of the internet, including its history, infrastructure, and key protocols.
- Identify and describe the main components of a website, such as domain names, hosting, and content management systems.
- Apply knowledge of internet fundamentals to navigate and use web-based tools effectively.
- Demonstrate understanding of web standards and accessibility requirements.
- Analyze the structure of a website to identify its key elements and their functions.

WHO SHOULD ATTEND

- This course is designed for individuals who are new to the internet or web technologies, including office administrators, small business owners, and anyone seeking to build a foundational understanding of the internet and website components.

COURSE OUTLINE

Day 1: Introduction to the Internet and Core Concepts

- What is the Internet? History and development.
- Network basics: LANs, WANs, and the Internet backbone.
- IP addresses, DNS, and domain names.
- Internet Service Providers (ISPs) and connectivity types.
- Web browsers and search engines.
- Overview of the World Wide Web vs. the Internet.

Day 2: Understanding Web Technologies and Protocols

- HTTP/HTTPS: request-response cycle, status codes.
- Web servers: Apache, Nginx, IIS.
- URLs, URIs, and URL components.
- Cookies, sessions, and caching mechanisms.
- Static vs. dynamic content: HTML/CSS vs. server-side scripting.
- Introduction to SSL/TLS and security.

Day 3: Website Components – Front-End and Back-End

- Front-end basics: HTML5 structure, CSS3 styling, JavaScript interactivity.
- Back-end languages: PHP, Python, Node.js.
- Databases: MySQL, MongoDB, and data storage.
- Content Management Systems: WordPress, Joomla.
- Web hosting types: shared, VPS, dedicated, cloud.
- Domain registration and management.

Day 4: Internet Security, Privacy, and Ethical Use

- Threats: malware, phishing, DDoS attacks.
- Firewalls, antivirus, and secure passwords.
- Encryption: symmetric, asymmetric, SSL/TLS.
- Privacy: tracking, VPNs, and incognito mode.
- South African laws: POPIA, ECT Act.
- Ethical use: netiquette, copyright, and plagiarism.

Day 5: Practical Integration and Future Trends

- Hands-on: create a basic website (HTML/CSS).
- Add a contact form with simple back-end.
- Implement HTTPS and basic security headers.
- Future trends: IoT, AI, 5G, Web3.
- Career paths and further certifications.
- Course review and assessment.

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 **8 NQF credits** at **NQF Level 6**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 25,300.00	R 25,300.00
1	In-House	R 32,900.00	R 32,900.00
1	On-Campus (Pretoria)	R 38,000.00	R 38,000.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	07 Aug 2026	On-Campus	Pretoria, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Dubai, UAE
03 Aug 2026	07 Aug 2026	On-Campus	Cape Town, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Mauritius
03 Aug 2026	07 Aug 2026	On-Campus	Johannesburg, South Africa
03 Aug 2026	07 Aug 2026	On-Campus	Lagos, Nigeria
10 Aug 2026	14 Aug 2026	On-Campus	Mauritius
10 Aug 2026	14 Aug 2026	On-Campus	Cape Town, 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 117692) 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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