



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

Build IP Resource Networks for Innovation

Business, Commerce and Management Studies / Marketing

Unit Standard 252444 · NQF Level 5 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the skills to build and manage resource networks that support intellectual property (IP) processes within an organisation. Participants will learn to identify key stakeholders, establish collaborative relationships, and leverage networks to protect and commercialise IP assets. The course aligns with SAQA Unit Standard 252444, focusing on practical strategies for fostering innovation through effective IP resource management.

Category	Business, Commerce and Management Studies
Subfield	Marketing
Unit Standard	252444
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Identify and evaluate potential resources and stakeholders for IP processes within a given context
- Establish and maintain collaborative relationships with internal and external IP resource networks
- Apply strategies to leverage resource networks for IP protection, commercialisation, and innovation
- Analyse the effectiveness of existing IP resource networks and recommend improvements
- Demonstrate the ability to negotiate and formalise agreements within IP resource networks
- Develop a plan to build or enhance a resource network tailored to specific IP processes

WHO SHOULD ATTEND

- This course is designed for IP managers, innovation officers, R&D; professionals, and business leaders who are responsible for developing or overseeing IP strategies within their organisations.
- It is also suitable for entrepreneurs and consultants seeking to enhance their ability to build networks for IP protection and exploitation.

COURSE OUTLINE

Day 1: Foundations of IP Networks and Innovation

- Overview of IP networking fundamentals
- OSI and TCP/IP reference models
- IP addressing basics: IPv4 and IPv6
- Subnetting and CIDR notation
- Network devices: routers, switches, hubs
- Introduction to innovation through IP networks

Day 2: IP Address Management and Subnetting

- Subnetting techniques and practice
- Variable Length Subnet Mask (VLSM)
- Dynamic Host Configuration Protocol (DHCP)
- Network Address Translation (NAT)
- IP address management best practices
- Case study: addressing for a small network

Day 3: Routing Protocols and IP Connectivity

- Static routing configuration
- Dynamic routing protocols: RIP, OSPF, EIGRP
- Routing metrics and administrative distance
- Route summarisation
- Troubleshooting routing loops
- Lab: configuring a simple routed network

Day 4: IP Services and Network Optimisation

- DNS resolution and configuration
- DHCP server setup and management
- Quality of Service (QoS) basics
- VLANs and inter-VLAN routing
- Load balancing concepts
- Network performance monitoring tools

Day 5: Security in IP Networks

- Network security fundamentals
- Access Control Lists (ACLs)
- Firewall configuration
- Virtual Private Networks (VPNs)
- IPsec and SSL/TLS
- Intrusion detection and prevention

Day 6: Advanced IP Networks and Emerging Technologies

- IPv6 features and deployment
- Software-Defined Networking (SDN)
- Network Function Virtualisation (NFV)
- Internet of Things (IoT) networking
- Cloud networking: VPC, hybrid cloud

- Introduction to 5G and IP

Day 7: Capstone Project and Innovation Showcase

- Capstone project brief and requirements
- Network design using simulation tools
- Presentation and peer review
- Innovation assessment criteria
- Course wrap-up and certification

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 **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 29,600.00	R 29,600.00
1	In-House	R 38,500.00	R 38,500.00
1	On-Campus (Pretoria)	R 44,400.00	R 44,400.00

UPCOMING SESSIONS

Start	End	Method	Venue
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	21 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	21 Aug 2026	On-Campus	Mauritius
14 Aug 2026	24 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	25 Aug 2026	On-Campus	Pretoria, South Africa
18 Aug 2026	26 Aug 2026	On-Campus	Abu Dhabi, UAE

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 252444) 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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