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
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COURSE BROCHURE

Well Completion

Custom Courses / Energy, Oil and Gas

Unit Standard AATICD-0394 · NQF Level 5 · 4 Credits · 2 Days

COURSE OVERVIEW

This course provides comprehensive training in well completion operations, covering the technical, operational, and safety aspects required to effectively plan, execute, and manage well completion projects. It equips participants with the knowledge and skills to ensure well integrity, optimize production, and adhere to industry best practices and regulatory requirements.

Category	Custom Courses
Subfield	Energy, Oil and Gas
Unit Standard	AATICD-0394
Accreditation	SAQA Accredited · NQF Level 5 · 4 Credits
Duration	2 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS — verifiable online

LEARNING OUTCOMES

- Apply well completion design principles to select appropriate equipment and techniques for various well conditions.
- Analyze well completion data to evaluate performance and identify opportunities for optimization.
- Evaluate completion methods and technologies to ensure well integrity and production efficiency.
- Design a completion program that integrates safety, environmental, and regulatory considerations.
- Implement completion operations according to industry standards and best practices.
- Demonstrate the ability to troubleshoot common completion problems and implement corrective actions.

WHO SHOULD ATTEND

- This course is designed for petroleum engineers, completion engineers, wellsite supervisors, and technical staff involved in drilling and completion operations.
- It is also suitable for project managers and field personnel seeking to enhance their understanding of well completion processes.

COURSE OUTLINE

Day 1: **Well Completion Fundamentals and Design Principles**

- Overview of well completion: definition, objectives, and stages
- Well completion components: casing, tubing, packers, nipples, and wellheads
- Completion types: open hole, cased hole, and commingled completions
- Completion design: reservoir characteristics, production rates, and intervention needs
- Completion fluids and their functions
- Well barriers and integrity in completion
- Introduction to completion equipment and tools
- Safety and environmental considerations in completion operations

Day 2: **Advanced Completion Techniques and Operational Practices**

- Advanced completion types: multi-lateral, horizontal, and deepwater completions
- Intelligent completions: downhole sensors, flow control, and automation
- Sand control methods: screens, gravel packing, and frac packing
- Perforation techniques: guns, charges, and design
- Well stimulation: acidizing and hydraulic fracturing
- Completion installation: running, landing, and setting packers
- Well testing and completion evaluation
- Well intervention and workover operations
- Case studies and best practices in completion operations

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 **4 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 16,100.00	**R 16,100.00**
1	On-Campus (Pretoria)	R 17,800.00	**R 17,800.00**

UPCOMING SESSIONS

Start	End	Method	Venue
01 Dec 2026	02 Dec 2026	On-Campus	Dubai, UAE
02 Dec 2026	03 Dec 2026	On-Campus	Victoria Falls, Zimbabwe
02 Dec 2026	03 Dec 2026	On-Campus	Cape Town, South Africa
03 Dec 2026	04 Dec 2026	On-Campus	Shenzhen, China
03 Dec 2026	04 Dec 2026	On-Campus	Lagos, Nigeria
09 Dec 2026	10 Dec 2026	On-Campus	Maseru, Lesotho
09 Dec 2026	10 Dec 2026	On-Campus	Kigali, Rwanda
09 Dec 2026	10 Dec 2026	On-Campus	Accra, Ghana

Contact us if no suitable date is listed — on-demand sessions can be arranged for groups.

HOW TO GET A QUOTATION OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard AATICD-0394) and click **Get A Quotation**. 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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