



ENGINEERING AND TECHNICAL TRAINING

Upstream Oil and Gas Production Operations

3 day course

Classroom, online or in-house

Course overview

A three day course covering the production process from wellhead through separation, treating, storage and export. Delegates work through wellhead equipment and the artificial lift methods used to sustain well productivity as reservoir pressure declines, then through the operation and monitoring of separators, treaters and storage systems. Produced water handling and the environmental controls around it are covered in their own right, given the regulatory attention they now attract. The course spends substantial time on process upsets, shutdown sequences and emergency response, since recognising an upset early is what separates a controlled shutdown from an incident, and closes on production optimisation and well testing. Field examples are drawn from onshore and offshore West African production environments.

What you will learn

- Describe the production process from wellhead through to export
- Operate and monitor separators, treaters and storage systems safely
- Apply artificial lift principles to sustain well productivity
- Identify and respond to common upstream process upsets
- Apply health, safety and environmental controls specific to upstream facilities
- Manage flow measurement and allocation between wells and partners
- Plan well intervention and workover activity around production

Who should attend

- Production operators
- Production engineers
- Field supervisors
- HSE officers
- Graduate engineers new to upstream operations

Course outline

- 01 Overview of upstream production systems
- 02 Wellhead equipment and artificial lift methods
- 03 Separation, treating and storage operations
- 04 Flow measurement and production allocation
- 05 Produced water handling and environmental controls
- 06 Well intervention and workover planning
- 07 Process upsets, shutdowns and emergency response
- 08 Production optimisation and well testing

Upcoming dates

Dates	Venue	Format	Fee per delegate
23 to 25 September 2026	Durban, South Africa	Classroom	R14,950
30 September to 2 October 2026	Online	Online	R6,500
27 to 29 January 2027	Kigali, Rwanda	Classroom	USD 995
3 to 5 February 2027	Johannesburg, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afiscience.co.za, or WhatsApp us on **+27 63 479 1136**.

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