

Drilling Optimization

Oil and Gas

Course Overview

Drilling Optimization: a 5-day professional training course from LTC Consultants, delivered in-classroom across Africa and live online.

What You Will Achieve

- Break down well time into productive time, flat time and invisible lost time
- Apply limiter redesign: find and remove the constraint on rate of penetration
- Optimise drilling parameters using MSE and real-time surface data
- Reduce flat time through connection, tripping and casing-running discipline
- Build a continuous-improvement loop from post-well performance reviews

Who Should Attend

Drilling engineers, drilling supervisors, rig managers and performance engineers responsible for well delivery time and cost, onshore or offshore.

Course Outline

1. The economics of drilling performance: where the money goes
2. Time classification: ILT, flat time and the technical limit
3. Mechanical specific energy and parameter optimisation
4. Limiter analysis and redesign workshops
5. Flat-time attack: connections, trips and casing running
6. Real-time monitoring and decision support
7. Wellbore quality: drilling fast without drilling trouble
8. After-action reviews and the performance culture

Upcoming Dates and Fees

DATES	VENUE	FEE (PER DELEGATE)
28 Sep to 2 Oct 2026	Kigali	\$1,550
12 to 16 Oct 2026	Online	\$800
26 to 30 Oct 2026	Cape Town	\$1,650
9 to 13 Nov 2026	Lusaka	\$1,450
23 to 27 Nov 2026	Maputo	\$1,450
7 to 11 Dec 2026	Johannesburg	\$1,395

LTC Consultants

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Every delegate receives a Certificate of Attendance. Group and in-house rates available on request.