Reservoir Management Essentials

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Reservoir Management Essentials is a five-day senior management course delivered by Mars Training Centre in London, Dubai, Muscat, Kuwait, and Cairo, and live online — designed for asset managers, planning leaders, and senior commercial professionals who steward producing oil and gas reservoirs.

A reservoir is not a tank that empties at a known rate — it is a complex subsurface system whose behaviour shifts as it is produced. The decisions taken by senior asset managers each year — well count, recovery technology, production rate, water and gas injection, abandonment timing — compound across decades into the difference between a strong-performing field and a disappointing one. Yet the senior leaders who sponsor these decisions are not always reservoir specialists; they often come from finance, planning, commercial, or general management.

This programme builds the senior-level reservoir literacy needed to steward producing assets with confidence. You will work through reservoir behaviour at a senior literacy level, the lifecycle of a producing asset, recovery technologies, production forecasting and reserves, and the senior-level decisions that determine an asset's ultimate value. The orientation is commercial and managerial, not engineering — the focus is on the questions a senior leader should be asking, not the simulations behind them.

What You Will Learn

- Describe reservoir behaviour and the principal recovery mechanisms at senior literacy level.
- Analyse the lifecycle of a producing field and the decisions at each stage.
- Evaluate primary, secondary, and tertiary recovery options.
- Interpret production forecasts and the assumptions behind them.
- Assess reserves and resources classifications and disclosure implications.
- Apply reservoir management thinking to mature field redevelopment decisions.
- Evaluate the commercial trade-offs in production strategy choices.
- Diagnose the principal subsurface risks in production decisions.
- Position a reservoir for late-life management, redevelopment, or abandonment.
- Communicate reservoir performance clearly to boards, partners, and ministries.

How You Will Benefit

You will leave with a structured senior-level command of reservoir management, sharper questions for your subsurface teams, and a clearer framing for the long-life decisions that shape asset value — and a Mars Certificate of Completion.

Your organisation will gain a senior asset steward who can stress-test recovery and production decisions, improve dialogue between subsurface and commercial teams, and lift the long-term value extracted from producing reservoirs.

Who This Programme Is For

This programme is designed for senior professionals stewarding producing assets, including:

- Asset managers and asset directors in oil and gas operators
- Heads of planning, business development, and joint ventures
- Senior commercial managers in upstream operators
- Government and ministry officials supervising producing assets
- Senior finance and investment leads in upstream businesses
- General managers from adjacent disciplines moving into asset roles
- Senior in-house counsel and contracting leads on producing assets

The seniority floor is senior manager and above.