This course represents the core of PetroSkills' reservoir engineering programme and the foundation for all future studies in this subject. A ten-day, in-depth study of the subject is presented. Numerous engineering practices are covered ranging from fluid and rock properties to simulation and field development planning. Proficiency in using Microsoft Excel to perform calculations and make graphs is desirable. Reservoir engineering is also presented in the context of a modern, multi-disciplinary team effort using supporting computer technology.

An extensive manual and set of references is included. This course has been taught for many years on a worldwide basis. It has been continuously updated and improved by a team of experienced reservoir engineering consultants who spend most of their time working on major reservoir engineering projects and field studies.

YOU WILL LEARN TO:
- Critical properties of reservoir rocks fluid (oil, water, and gas) PVT relationships
- Methods to calculate hydrocarbons initially in place
- Dynamic techniques to assess reservoir performance
- Parameters that impact well/reservoir performance over time
- Well testing principles and techniques
- Reservoir drive mechanisms for both Oil and Gas reservoirs

DESIGNED FOR:
Engineers or geoscientists who will occupy the position of reservoir engineer, or any other technically trained individual that desires a more in-depth foundation in reservoir engineering than is offered in the one-week Basic Reservoir Engineering and Reservoir Engineering for other disciplines courses.