

Basic Drilling Technology & Equipment

Duration: 3 Day **Maximum Number of Attendees:** 15

Designed for: Non-drilling or new-to-drilling personnel who wish to enhance their understanding of the drilling process.

Course Overview: **Basic Drilling Technology & Equipment** provides an introduction to drilling technology (equipment, terminology and operations) providing participants with the knowledge required for effective communication and teamwork with their drilling colleagues

It is delivered as a combination of classroom theory/exercises complemented by realistic practical hands on experience using a full sized DS5000 rig floor simulator.

Course Content: The following topics are addressed:

- History and source of petroleum
- Multi-level interdependent composition of the petroleum industry
- The five systems of a drilling rig, their purpose and use
- An overview of well planning
- The principles of the drilling process, fishing and casing and cementing
- The principles of directional drilling
- The principles of well control and blow out prevention
- The differences between onshore and offshore drilling rigs and drilling practices
- How established drilling practices interface with modern tools and technology
- Causes and prevention of lost circulation, stuck pipe, well control and drill string failure
- Practical hands-on drilling simulator training

Course Inclusions:

- Light lunch, tea/coffee and snacks each day.
- Welltrain certificates of attendance (documenting training topics) for each participant.

Course Fees: \$AU 2,500 (inc GST)

Course Dates: 23-25th January
19th-21st March
28th-30th May

For details of the next scheduled course, refer to our Course Schedule available at www.welltrain.com.au. Email us at bookings@welltrain.com.au or call us on +61 8 6216 5680.