

**Course Name**

GC4. Completion and Workover Fluids

**Duration**

Three (3) days

**Objectives**

This course gives the participants a comprehensive understanding of technical and practical aspects of completion fluids technology. The course is designed to provide advanced knowledge of completion fluid types and properties, fluid planning to maximize well performance and profitability, fluid mixing and testing, filtration, well displacement, corrosion control, fluid reclamation, and fluid additives. Case studies and class problems will be used to develop a better understanding of those skills. Classroom exercises and discussions on the practical cases are also included.

**Content**

- Introduction
- Functions and Properties
- Completion Fluid Types
- Formation Damage
- Fluid Selection Criteria
- Fluid Mixing & Testing
- Filtration
- Well Displacement
- Corrosion Control
- Completion Fluid Additives

**Prerequisites**

Basic knowledge of drilling, production and well completion.

**Audience**

Workover and completions personnel, petroleum and production; drilling, drilling fluids and completion engineers and service company personnel.