



Oil, Gas and Chemical

Workover and Completion Operations

Course Introduction

Workover and completion operations

Workover and completion operations are critical processes in oil and gas production to ensure well integrity, enhance production, and extend the life of wells. These operations involve complex procedures that require careful planning, skilled execution, and proper safety measures.

Understanding the best practices for workover and completion helps minimize downtime, reduce operational risks, and optimize production. Skilled professionals can improve well performance and ensure more efficient field operations.

This training program covers the key aspects of workover and completion operations, including planning, equipment selection, procedures, safety measures, and troubleshooting. Each day focuses on a core topic with practical subtopics for in-depth learning. The program includes interactive discussions, real-world case studies, and practical exercises to help participants apply their knowledge effectively.

Training Course Methodology

This course is designed to be interactive and participatory, and includes various learning tools to enable the participants to function effectively and efficiently. The course will use sessions, exercises, and case applications, and presentation about proven-by-practice methods, new insights and ideas about the topic and its effects in a corporate world.

Target Audience

- Drilling Engineers
- Completion Engineers
- Production Engineers
- Reservoir Engineers

- Well Intervention Specialists
- Field Operators
- Operations Supervisors
- Maintenance Personnel
- Asset Managers
- Health, Safety, and Environment (HSE) Officers

Learning Objectives

- Understand the fundamentals of workover and completion operations.
- Learn how to plan and prepare for successful operations.
- Gain skills in selecting and using the right tools and equipment.
- Identify common operational challenges and troubleshooting methods.
- Apply safety procedures to ensure efficient and safe operations.

Course Outline

- **01 Day One**

- Introduction to Workover and Completion Operations**

- What are workover and completion operations and why they matter.
 - Key differences between workover and completion.
 - Overview of well lifecycle and intervention points.
 - Common objectives of workover and completion activities.
 - Understanding equipment and tools used in operations.
 - Identifying potential risks and challenges.
 - Importance of safety in all stages of operations.

- **02 Day Two**

Planning and Preparation for Operations

- Assessing well conditions and determining objectives.
- Selecting appropriate tools and techniques.
- Creating an operational plan and timeline.
- Risk assessment and mitigation strategies.
- Coordination with different operational teams.
- Ensuring regulatory compliance and documentation.
- Pre-operation safety checks and readiness evaluations.

• 03 Day Three

Completion Techniques and Procedures

- Overview of completion types (open-hole, cased-hole).
- Designing and installing completion equipment.
- Cementing operations and considerations.
- Running and setting production packers.
- Perforation techniques and best practices.
- Well testing and performance evaluation.
- Troubleshooting completion challenges.

• 04 Day Four

Workover Procedures and Best Practices

- Types of workover operations (major, minor).
- Pulling and replacing tubing and equipment.
- Wellbore cleanout and stimulation techniques.
- Fishing operations and stuck pipe solutions.
- Well control methods during workover.
- Safety protocols during high-risk activities.
- Managing downtime and optimizing operational efficiency.

• 05 Day Five

Troubleshooting, Safety, and Optimization

- Identifying common operational problems and solutions.
- Reviewing case studies of workover and completion challenges.
- Applying advanced troubleshooting techniques.
- Optimizing operations for long-term well performance.
- Conducting post-operation reviews and evaluations.
- Enhancing safety protocols for future operations.

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
May 19, 2025	May 23, 2025	5 days	4250.00 \$	UAE - Dubai
July 13, 2025	July 17, 2025	5 days	4250.00 \$	KSA - Riyadh
Dec. 8, 2025	Dec. 12, 2025	5 days	4250.00 \$	UAE - Abu Dhabi