Well Integrity, Well Services & Workover: A Comprehensive Course

24 – 28 May 2027
Barcelona (Spain)



Well Integrity, Well Services & Workover: A Comprehensive Course

Ref: 322964_220212 **Date:** 24 – 28 May 2027 **Location:** Barcelona (Spain) **Fees:** 5900 GBP

Course Description

This intensive 1-week course provides a comprehensive understanding of well integrity management, well services, and workover operations. Participants will learn essential concepts, best practices, and cutting-edge techniques for maintaining well integrity throughout its lifecycle. The course covers critical aspects of well design, construction, monitoring, and intervention, equipping attendees with practical skills to optimize well performance and safety.

Learning Objectives

- Understand well integrity principles and their application throughout the well lifecycle
- Master well barrier concepts, monitoring techniques, and risk assessment methodologies
- Develop proficiency in well services operations and equipment selection
- Gain expertise in planning and executing successful well workover operations
- Learn to identify and mitigate well integrity issues using industry best practices
- Enhance decision-making skills for well intervention and maintenance strategies

Course Modules

Day 1: Well Integrity Fundamentals

- Introduction to well integrity concepts and regulations
- Well barrier philosophy and barrier envelope
- Well integrity management systems WIMS
- Risk assessment and mitigation strategies

Day 2: Well Design and Construction for Integrity

- Well design considerations for long-term integrity
- Casing and tubing selection criteria
- Cementing best practices for zonal isolation
- Completion equipment and its role in well integrity



Day 3: Well Monitoring and Surveillance

- Well integrity testing methods and frequency
- Pressure monitoring and annulus management
- Corrosion monitoring and management
- Data interpretation and anomaly detection

Day 4: Well Services Operations

- Overview of well services and intervention techniques
- Wireline and slickline operations
- Coiled tubing applications and best practices
- Snubbing and hydraulic workover units

Day 5: Well Workover Planning and Execution

- Workover candidate selection and justification
- Workover program design and risk assessment
- Equipment selection and operational considerations
- Post-workover evaluation and performance monitoring

Practical Wins for Participants

- Ability to develop and implement effective well integrity management plans
- Improved decision-making skills for well intervention and workover operations
- Enhanced troubleshooting capabilities for well integrity issues
- Increased efficiency in planning and executing well services operations

