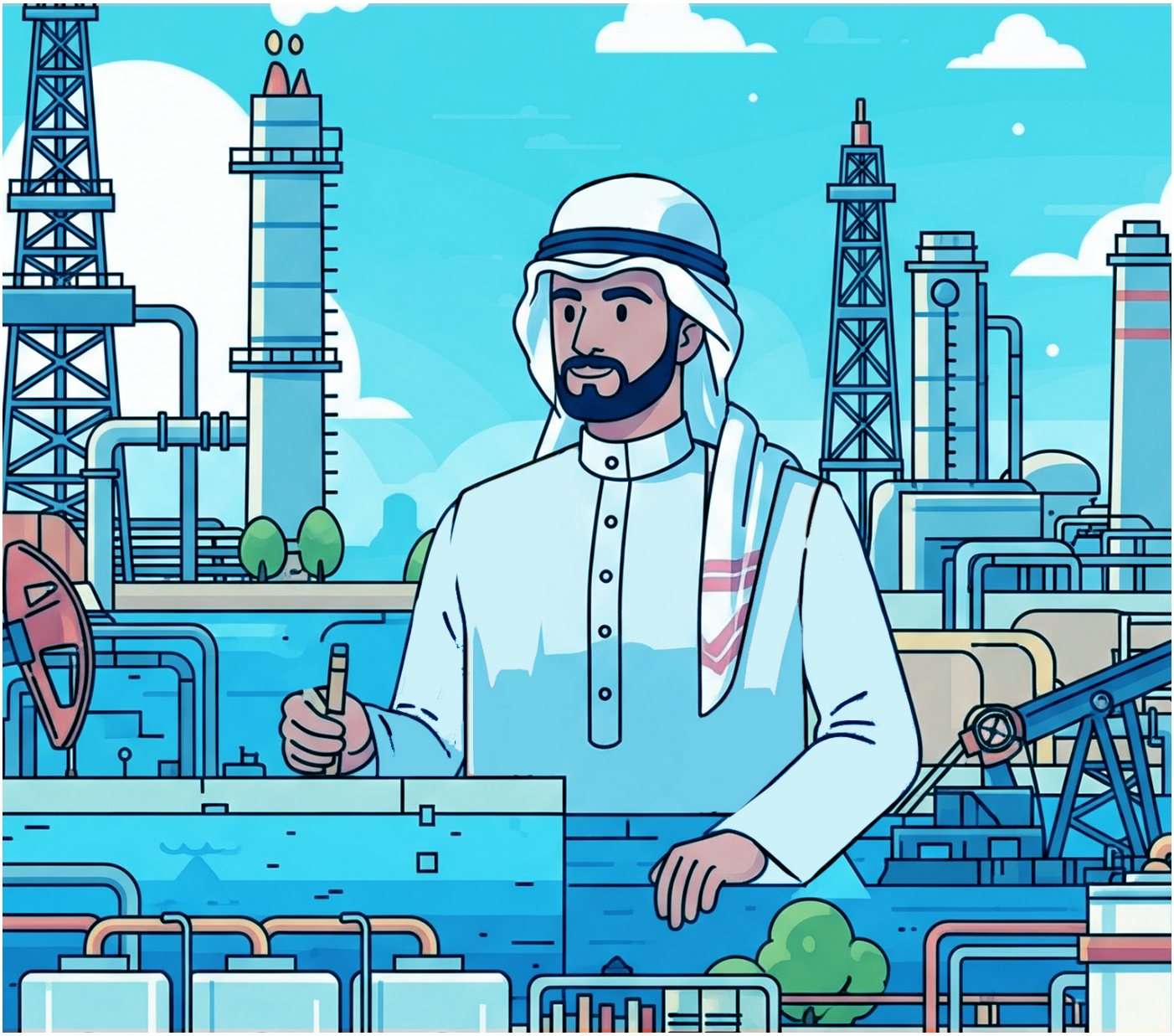
BOOST
THE LEADING TRAINING PROVIDER



Oil, Gas and Chemical

Completions and Workovers - CAW

Course Introduction

This course provides information on how the completion progresses from a cased well to the point of having a well capable of production. The well will require perforating, equipment will be installed inside the casing, the productive formation may require treatment to enable production and the fluids may need assistance in getting up to the surface. After producing for a period of time, a workover may be necessary if the downhole equipment needs repair or servicing or the formation requires additional treatment in order to continue efficient production.

Target Audience

- Completion Engineers.
- Workover Engineers.
- Mud Specialists.
- Drilling Engineers.
- Production Engineers & Technicians.
- Well Team Leaders & Supervisors.

Learning Objectives

Trainee will learn what is involved in a well completion, how a completion is performed and the identification and purpose of some of the equipment and tools used in the well completion or workover.

Course Outline

- **01 Day One**

  Key Concepts

    - Introduction.
    - Completion Design Process.
    - Safety, Regulations, Risk & Uncertainty.
    - Reservoir and Fluids.
    - Wellbore and Downhole Completion.
    - Equipment Overview.

  Completion / Workover Design

    - Well Performance and Testing Basics.
    - Tubing and Completion Material Design.
    - Well Intervention Planning.
    - Service and Workover Rigs Overview.
    - Completion and Workover Fluids.
    - Formation Damage.
    - Perforating and Gun Performance**.**

- **02 Day Two**

  Completion Types

  Typical Upper Completion:

    - Casing and Tubing Selection.
    - Packers (Hydraulic – Mechanical).
    - Wellheads and Xmas trees.
    - Accessories.
    - Safety Valves.
    - Running Completions.

- Artificial Lift.
- Multilaterals.

Typical Lower Completions:

- Introduction to Sand Control.
- Gravel Pack Design.

- **03 Day Three**

Completion Types, Continued

Production Operations:

- Stimulation.
- Acidizing, Fracturing.
- Surface Facilities.
- Production Logging**.**

Completion and Workover

- Completion and Workover Methodology.
- Risk management.
- Well problems and well control.
- Cement bond logs.
- Perforating.
- Sand control management.
- Cement squeezing – workover.
- Acidizing – workover.

- **04 Day Four**

Completion and Workover, Continued

- Workover Rigs.
- Coiled tubing

- Fishing.
- Completion management.
- Cased Hole operations.
- Artificial Lift systems**.**

Well Control and Workover

Well Control:

- Well control Equipment.
- Blowout Preventer System Requirements.
- Choke Manifold.
- Circulating System.
- Kicks and its causes.

• **05 Day Five**

Well Control and Workover

- Well Killing Operation.
- Forward circulation.
- Reverse circulation.
- Bull heading.
- Lubricate and Bleed.
- Class exercises on well control.

Workover Operations:

- Workover definition and description.

Workover Types:

- Safety Workover.

- Long term suspension.
- Plug and Abandonment.
- Production enhancement.

Confirmed Sessions

FROM	TO	DURATION	FEES	LOCATION
June 15, 2025	June 19, 2025	5 days	4250.00 $	Bahrain - Manama
Sept. 22, 2025	Sept. 26, 2025	5 days	4950.00 $	England - London
Dec. 1, 2025	Dec. 5, 2025	5 days	4250.00 $	UAE - Dubai
Jan. 5, 2025	Jan. 9, 2025	5 days	4250.00 $	Qatar - El Doha