

# Bringing Successful Projects within the Oil & Gas Industry

Recognise How to Get the Most Economic Return on Your Project Investment

## Introduction

Large-scale project delivery in the oil and gas sector is becoming increasingly challenging due to a number of notable difficulties that the industry is currently facing. The problems are getting more complicated and require creative and technological solutions in a setting where budgets are constantly seeking for ways to cut costs, schedules are tight, safety is paramount, and every project has a network of stakeholders worried about how it will affect communities and the environment.

Participants will gain the essential skills needed to design, carry out, oversee, and successfully complete projects in even the most difficult environments throughout this engaging and highly interactive five-day Course N Carry Bringing Successful Projects within the Oil & Gas Industry training course. We make good use of industry best practice project management technologies, supported by hands-on training, to help delegates accomplish this. The attendees will benefit from this Course N Carry training course by being able to recognise problems and provide solutions that will aid them in the long run as well as increase the efficiency with which they complete projects.

### Important topics discussed are:

- Recognise the significance of precise specifications for project completion in the oil and gas sector.
- Recognise the methodical and structural elements of project planning and execution that can be applied.
- Associated with project management ideas of best practices
- Understand the metrics used to quantify project success, which include time, cost, quality, and scope.
- Apply best-practice methodologies to carry out analytical project management procedures.
- Recognise that the project manager must oversee and lead project teams.

### This training session on Course N Carry will emphasise:

- How to determine the essential conditions for an oil and gas project
- The path to effective project delivery and integration
- The significance of managing and guiding a productive project team

## Objectives

## **Participants in this Course N Carry training course will have the following skills at the end:**

- Recognise the significance of incorporating scope, price, time, and resources into a flexible, manageable project management strategy.
- End-user needs should be methodically defined, designed, and integrated into the project.
- Determine the causes of risk, then discover how to reduce any possible dangers and handle ambiguity.
- Create PERT and CPM project network diagrams to identify schedule and expense issues.
- Create a project recovery plan in case the budget or timeline is exceeded.
- Create succinct, lucid project progress reports using precise measurements and projections.

## **Training Methodology**

The instructor will use a range of tried-and-true adult learning teaching and facilitation strategies to provide the participants with a comprehensive instruction. An understanding of industry best practices for project management delivery tools and procedures is part of the training methodology. This Course N Carry training course incorporates critical examination of real projects, group discussions, and an applicable case study. Although a basic familiarity of projects is expected, a brief review will be provided to make sure everyone is aware of the essentials. The introduction of new ideas and resources enables delegates to move from basic to more complex project conceptions.

## **Organizational impacts**

In the current economic environment, with obstacles facing the oil and gas sector, there is a great need to effectively complete projects. Any project management organisation will profit from knowing the procedures that may be used to help with this and achieve higher returns on investment through successful outcomes.

The competence-based training provided to attendees of this Course N Carry Bringing Successful Projects within the Oil & Gas Industry training course will serve as the foundation for activities they can carry out when they return to their jobs.

## **Personal Impact**

Having the capacity to oversee project operations is essential for anyone working in such a complicated environment to deliver a project. Projects can be more predictable, value delivery can be improved, and client satisfaction can rise when they are executed well.

Enhancing one's personal competencies will improve the organisation, design, and planning of projects. By skillfully managing pertinent procedures, delegates will be able to increase their reputation inside the company, which will help them complete projects more successfully and eventually advance in their careers.

## Who should attend?

**A wide range of professionals can benefit from this Course N Carry training course, but the following are particularly noteworthy:**

- Project and Programme Managers
- Experts in Project Management
- Managers of Project Support
- Senior Project Control Experts in charge of overseeing project budgets and schedules
- Project Lead Engineers overseeing work bundles

## Course Outline

### Day 1

#### Getting Ready to Deliver the Project

- Recognise the Principal Players and Their Potential Effects on the Project.
- Examine the Consequences of Implicit Needs and Expectations
- Recognise the success criteria for the project and how it will be judged.
- Specify the needs for the project.
- Using work breakdown structures and product descriptions, develop the scope.
- Apply Appropriate Methods for Project Estimation

### Day 2

#### Project Scheduling: Resources, Cost, and Schedule

- Construct a Network Diagram
- Creating the Precedence Network Diagram Using Calculations for Total and Free Float
- Create a Gantt Chart: The Baseline for the Schedule
- Recognise How to Calculate Baseline Project Costs
- Learn About the Various Contract Types Based on Risk Distribution
- Find Out How Fixed Price and Cost-Plus Contracts Differ

- Organising and Allocating Restricted Resources
- Choices for Quickening the Timetable and Delivery Methods

## Day 3

### Control Resources & Risks

- Process and Model for Risk Management
- Recognising Likely Risky Events in an Oil and Gas Project
- Recognise the Methods of Qualitative and Quantitative Analysis
- Create Strategies for Appropriate Risk Response Planning
- Obstacles Faced by an Oil and Gas Project Group
- Study Up on Various Leadership Models
- Motivation and Team Development Dynamics

## Day 4

### Keeping Quality while Managing Project Changes

- Handling Project Change
- Recognising the Project-Used Best Practice Change Processes
- Utilising Earned Value Management to Monitor the Project (EVM)
- Handling Changing Situations: Handling the Conflict
- Discover the significance of the Critical Chain and its increasing demand in the oil and gas sector.
- The Advantages of Using an Office for Project Support
- Project Evaluations
- Study up on Quality Management for Projects.
- Distinguish between assurance, control, and quality planning.
- Know How to Use High-Quality Tools

## Day 5

### Maintaining Concentration, Completing and Finishing Your Project

- Understanding the Operational Requirements that Must Be Fulfilled and Anticipated
- Discover Techniques for Recovering Project Costs and Schedule That Are Relevant to the Oil and Gas Industry
- The Consequences of Postponing Recovery Activities
- Reports on Project Management
- Project Transfer & Finalisation
- Knowledge Acquired