



Offshore Fabrication for Efficient Execution: A Construction Management Perspective

Course Introduction:

This 5-day theoretical training course, "Offshore Fabrication for Efficient Execution: A Construction Management Perspective," is designed to provide participants with a comprehensive understanding of the processes, challenges, and best practices associated with offshore fabrication. As projects increasingly demand high efficiency and precision, professionals must be equipped with the knowledge to manage the complexities involved in fabricating structures that will be deployed in challenging offshore conditions.

Throughout the course, participants will delve into key topics such as fabrication techniques, project planning, quality assurance, and safety management. By examining case studies and industry best practices, attendees will learn how to effectively oversee offshore fabrication projects, ensuring timely delivery and adherence to regulatory standards. This course aims to equip professionals with the skills necessary to enhance productivity and efficiency in offshore fabrication, ultimately contributing to the successful execution of construction projects.

Course Objectives:

By the end of the program, participants will be able to:

- Understand the fundamental principles of offshore fabrication and its significance in construction management.
- Learn about various fabrication techniques and methodologies used in offshore projects.
- Explore project planning strategies specific to offshore fabrication.
- Analyze quality assurance processes and their importance in ensuring project success.
- Develop safety management practices tailored to offshore fabrication environments

Who Should Attend?

This course is intended for Project managers and coordinators in offshore construction and fabrication, Fabrication engineers and technicians, Quality assurance and control professionals and Safety and compliance officers in the marine sector

Course Outline:

Day 1: Introduction to Offshore Fabrication

- Overview of offshore fabrication: definitions and significance
- Key phases of the offshore fabrication process
- Types of structures fabricated for offshore applications

Day 2: Fabrication Techniques and Methodologies

- Overview of common fabrication techniques used in offshore projects
- Exploring modular fabrication and its advantages
- Factors influencing the choice of fabrication methods

Day 3: Project Planning for Offshore Fabrication

- Importance of project planning in offshore fabrication
- Resource management and scheduling considerations
- Integrating fabrication timelines with overall project schedules

Day 4: Quality Assurance in Offshore Fabrication

- Overview of quality assurance processes in fabrication
- Techniques for monitoring and evaluating fabrication quality
- Importance of compliance with industry standards and regulations

Day 5: Safety Management in Offshore Fabrication

- Key safety considerations in offshore fabrication environments
- Overview of safety regulations and best practices
- Strategies for risk assessment and hazard mitigation in fabrication projects

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play
- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work

Course Fees:

To be advice as per course location. This rate includes participant's manual, Hands-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

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International Centre For Training & Development

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session