

APPLIED FIELD DEVELOPMENT PLANNING



**HRTD116 HR,
Training &
Development**

COURSE TITLE

APPLIED FIELD DEVELOPMENT PLANNING

COURSE DATE/VENUE

11th – 15th Nov 24'

London, UK

COURSE REFERENCE

HRTD116

COURSE DURATION

05 Days

DISCIPLINE

HR, Training & Development

COURSE INTRODUCTION

Applied field development planning involves a strategic approach to managing and optimizing the extraction of resources, typically in sectors like oil and gas, mining, and renewable energy. It encompasses assessing geological formations, evaluating economic viability, and integrating technological solutions while considering environmental and regulatory factors. The goal is to create a comprehensive plan that maximizes resource recovery, minimizes costs, and ensures sustainability. This process often includes stakeholder engagement, risk management, and ongoing monitoring to adapt to changing conditions and improve efficiency over time.

COURSE OBJECTIVE

After completing this course, the participants will have:

- **Resource Optimization:** Maximize recovery of resources while minimizing waste.
- **Economic Viability:** Ensure the project is financially feasible and profitable.
- **Risk Management:** Identify and mitigate potential risks throughout the development process.

- **Sustainability:** Incorporate environmentally responsible practices to minimize ecological impact.
- **Stakeholder Engagement:** Involve all relevant parties to address concerns and gather insights.
- **Technological Integration:** Utilize advanced technologies to enhance efficiency and productivity.
- **Regulatory Compliance:** Adhere to legal and regulatory requirements at all stages of development.

COURSE AUDIENCE

- **Project Managers**
- **Geologists and Geophysicists**
- **Environmental Engineers**
- **Financial Analysts**
- **Regulatory Affairs Specialists**
- **Operations Engineers**
- **Stakeholder Representatives**
- **Technology Specialists**
- **Health and Safety Officers**

COURSE CONTENT

Day 1: Introduction to Field Development Planning

- Overview of Field Development
- Importance and Objectives
- Key Concepts and Terminology

Day 2: Resource Assessment and Economic Analysis

- Geological and Geophysical Evaluations
- Reservoir Characterization
- Cost-Benefit Analysis
- Financial Modeling and Risk Management

Day 3: Regulatory and Environmental Considerations

- Regulatory Frameworks and Compliance
- Environmental Impact Assessments
- Stakeholder Engagement Strategies

Day 4: Technological Innovations and Project Management

- Advances in Extraction Technologies
- Data Analytics and Modeling Tools
- Planning and Scheduling Techniques
- Resource Allocation and Logistics

Day 5: Case Studies, Best Practices, and Future Trends

- Review of Successful Field Development Projects
- Lessons Learned and Challenges Faced
- Emerging Trends in Resource Development
- Course Wrap-Up and Q&A Session

COURSE CERTIFICATE

TRAINIT ACADEMY will award an internationally recognized certificate(s) for each delegate on completion of training.

COURSE FEES

£5,500 per Delegate. This rate includes participant's manual, Hand-Outs, lunch, coffee/tea on arrival, morning & afternoon of each day.

COURSE METHODOLOGY

The training course will be highly participatory and the course leader will present, guide and facilitate learning, using a range of methods including formal presentation, discussions, sector-specific case studies and exercises. Above all, the course leader will make extensive use of real-life case examples in which he has been personally involved. You will also be encouraged to raise your own questions and to share in the development of the right answers using your own analysis and experiences. Tests of multiple-choice type will be made available on daily basis to examine the effectiveness of delivering the course.

- 30% Lectures
- 30% Workshops and work presentation
- 20% Case studies & Practical Exercises

- 10% Role Play
- 10% Videos, Software or Simulators (as applicable) & General Discussions

