Garnet
Garnet Global Training Center

GGT-GE-108

Geoscience, Geology & Surveying

# Reservoir Characterisation

توصيف المكامن

| Duration | Language | Formats | Hours | Level |
|---|---|---|---|---|
| **5 or 10 days** | **English or Arabic** | **Classroom, online, in-house** | **35 / 70** | **Intermediate (practitioner)** |

## Overview

Reservoir Characterisation focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Geology, geophysics, GIS and surveying for energy, mining, water and construction projects. You can join a public session in one of 20 cities or live online, in English or Arabic, or bring the course in-house with examples from your own operations.

## What you will be able to do

- Apply the methods and standards of Reservoir Characterisation to real tasks.
- Use the right tools, checks and calculations step by step.
- Diagnose common problems and identify root causes.
- Interpret data and results correctly and act on them.
- Follow safe, compliant and documented work practices.

## Who should attend

Geologists, geophysicists, surveyors, GIS specialists and petroleum engineers. Practitioners with one to five years of experience benefit most.

## Key topics

- Earth materials and structures
- Data acquisition
- Interpretation workflows
- Mapping and GIS
- Software tools
- Field case studies

## Formats and fees

| | |
|---|---|
| 5-day classroom | **USD 4,750** |
| 5-day online | **USD 2,950** |
| 10-day classroom | **USD 8,950** |
| 10-day online | **USD 5,450** |
| In-house | **Quotation per group** |

Fees per participant, excluding VAT.

## Register or ask

**WhatsApp:** +971 56 674 7382

**Email:** info@garnettrainings.com

**Training:** training@garnettrainings.com

**Web:** garnettrainings.com

Sharjah Publishing City Free Zone, Sharjah, UAE

## Certificate

Participants who attend at least 90% of sessions and complete the final assessment receive a certificate of completion stating 35 contact hours (5-day) or 70 contact hours (10-day).

## 5-day outline

### Day 1 Reservoir Characterisation: principles and standards

- Data acquisition
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Interpretation workflows
- Mapping and GIS

### Day 3 Diagnosis and problem solving

- Software tools
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Field case studies
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Earth materials and structures
- Group discussion and peer review

## 10-day outline

### Day 1 Reservoir Characterisation: principles and standards

- Data acquisition
- Common mistakes and how to avoid them

### Day 2 Methods and tools in practice

- Interpretation workflows
- Mapping and GIS

### Day 3 Diagnosis and problem solving

- Software tools
- Regional and international case studies

### Day 4 Quality, safety and documentation

- Field case studies
- Checklists and templates to take away

### Day 5 Workshop, assessment and action plan

- Earth materials and structures
- Group discussion and peer review

### Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Measurement and reporting

### Day 7 Digital tools, data and automation

- Analysis tools and software
- Using AI in this field

### Day 8 Benchmarking against international practice

- Global performance benchmarks
- Hands-on workshop on a workplace challenge

### Day 9 Capstone project

- Analyse a real challenge from your organisation
- Build the solution and implementation plan

### Day 10 Presentations, final assessment and certificates

- Project presentations and review
- Final exam and certificate award

## Schedule 2027–2030

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 14–25 Mar 2027 | 10-day classroom | Riyadh | English | 8,950 |
| 17–21 May 2027 | 5-day online | Live online | English | 2,950 |
| 14–18 Jun 2027 | 5-day classroom | Paris | English | 4,750 |
| 11–15 Jul 2027 | 5-day classroom | Cairo | Arabic | 4,750 |
| 10–21 Jan 2028 | 10-day online | Live online | Arabic | 5,450 |
| 18–22 Jun 2028 | 5-day classroom | Kuwait City | English | 4,750 |
| 10–21 Jul 2028 | 10-day classroom | Istanbul | English | 8,950 |
| 18–22 Sep 2028 | 5-day classroom | London | English | 4,750 |
| 8–12 Jan 2029 | 5-day classroom | Abu Dhabi | English | 4,750 |

| Dates | Format | City | Language | Fee (USD) |
|---|---|---|---|---|
| 11–15 Feb 2029 | 5-day classroom | Doha | Arabic | 4,750 |
| 16–27 Apr 2029 | 10-day classroom | Amsterdam | English | 8,950 |
| 10–14 Dec 2029 | 5-day online | Live online | English | 2,950 |
| 7–18 Jan 2030 | 10-day online | Live online | Arabic | 5,450 |
| 1–12 Apr 2030 | 10-day classroom | Abu Dhabi | Arabic | 8,950 |
| 21–25 Jul 2030 | 5-day classroom | Kuwait City | English | 4,750 |
| 10–14 Nov 2030 | 5-day classroom | Riyadh | English | 4,750 |

Customised and in-house versions of this course are available on request. garnettrainings.com/en/customise/