Garnet
Garnet Global Training Center

GGT-MN-123

Mining, Metals & Cement **Rare specialisation**

Ore Reserve Estimation

تقدير احتياطيات الخام

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

Overview

Ore Reserve Estimation focuses on how the work is actually done: the methods, checks and decisions practitioners use every day, illustrated with real cases from the region. Process, maintenance and safety programs for mines, smelters and cement plants. Choose 5 or 10 days, classroom or live online, English or Arabic; organisations can also run it in-house and adapt the examples to their own work.

What you will be able to do

- Apply the methods and standards of Ore Reserve Estimation to real tasks.
- Follow safe, compliant and documented work practices.
- Avoid the mistakes that most often cause rework or failure.
- Share good practice with your team.
- Use the right tools, checks and calculations step by step.

Who should attend

Process and maintenance engineers, plant managers and safety leads in heavy industry. Practitioners with one to five years of experience benefit most.

Key topics

- Process flow and mass balance
- Kilns, mills and crushers
- Wear, refractories and reliability
- Energy and fuel efficiency
- Dust, emissions and safety
- Quality control

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

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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 Ore Reserve Estimation: principles and standards
- Quality control
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Process flow and mass balance
- Kilns, mills and crushers

Day 3 Diagnosis and problem solving
- Wear, refractories and reliability
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Energy and fuel efficiency
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Dust, emissions and safety
- Hands-on workshop on a workplace challenge

10-day outline

Day 1 Ore Reserve Estimation: principles and standards
- Quality control
- Checklists and templates to take away

Day 2 Methods and tools in practice
- Process flow and mass balance
- Kilns, mills and crushers

Day 3 Diagnosis and problem solving
- Wear, refractories and reliability
- Group discussion and peer review

Day 4 Quality, safety and documentation
- Energy and fuel efficiency
- Measurement and reporting

Day 5 Workshop, assessment and action plan
- Dust, emissions and safety
- Hands-on workshop on a workplace challenge

Day 6 Advanced techniques and specialist practice
- Complex cases in depth
- Common mistakes and how to avoid them

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
- Regional and international case studies

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)
11–15 Jan 2027	5-day classroom	Dubai	Arabic	4,750
1–5 Feb 2027	5-day online	Live online	English	2,950
1–5 Mar 2027	5-day classroom	Casablanca	English	4,750
13–24 Dec 2027	10-day classroom	Paris	English	8,950
18–22 Jun 2028	5-day classroom	Cairo	Arabic	4,750
18–22 Sep 2028	5-day classroom	London	English	4,750
9–20 Oct 2028	10-day online	Live online	English	5,450
11–22 Dec 2028	10-day classroom	Barcelona	English	8,950
11–15 Feb 2029	5-day classroom	Cairo	Arabic	4,750
12–23 Mar 2029	10-day classroom	Abu Dhabi	Arabic	8,950

Dates	Format	City	Language	Fee (USD)
15–19 Jul 2029	5-day classroom	Riyadh	English	4,750
12–16 Nov 2029	5-day online	Live online	Arabic	2,950
18 Feb – 1 Mar 2030	10-day online	Live online	English	5,450
14–18 Apr 2030	5-day classroom	Riyadh	Arabic	4,750
8–19 Sep 2030	10-day classroom	Jeddah	English	8,950
13–17 Oct 2030	5-day classroom	Cairo	English	4,750

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