Garnet
Garnet Global Training Center

GGT-MN-105

Mining, Metals & Cement

Mine Planning & Operations

تخطيط المناجم وعملياتها

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

Overview

Mine Planning & Operations equips managers and specialists to plan, organise and control this area of work, set targets and measure results. Process, maintenance and safety programs for mines, smelters and cement plants. It runs as a 5-day or 10-day program in English or Arabic, in classrooms in Dubai, Riyadh, Cairo, London, Istanbul and other cities, or live online, and can be delivered in-house.

What you will be able to do

- Set up and run Mine Planning & Operations as a managed process with clear roles.
- Manage contractors, suppliers and internal customers.
- Plan resources, budgets and schedules realistically.
- Define KPIs and build simple dashboards for management.
- Control risk, quality and compliance in this area.

Who should attend

Process and maintenance engineers, plant managers and safety leads in heavy industry. It suits supervisors, section heads and specialists who manage, or are about to manage, this area.

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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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 Mine Planning & Operations: the management framework

- Dust, emissions and safety
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Quality control
- Process flow and mass balance

Day 3 Performance measurement and control

- Kilns, mills and crushers
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Wear, refractories and reliability
- Regional and international case studies

Day 5 Management case study and action plan

- Energy and fuel efficiency
- Checklists and templates to take away

10-day outline

Day 1 Mine Planning & Operations: the management framework

- Dust, emissions and safety
- Hands-on workshop on a workplace challenge

Day 2 Planning, resources and budgets

- Quality control
- Process flow and mass balance

Day 3 Performance measurement and control

- Kilns, mills and crushers
- Common mistakes and how to avoid them

Day 4 Risk, compliance and improvement

- Wear, refractories and reliability
- Regional and international case studies

Day 5 Management case study and action plan

- Energy and fuel efficiency
- Checklists and templates to take away

Day 6 Advanced techniques and specialist practice

- Complex cases in depth
- Group discussion and peer review

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
- Measurement and reporting

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)
14–18 Mar 2027	5-day classroom	Kuwait City	Arabic	4,750
13–17 Jun 2027	5-day classroom	Cairo	English	4,750
20 Sep – 1 Oct 2027	10-day classroom	Kuala Lumpur	English	8,950
18–22 Oct 2027	5-day online	Live online	English	2,950
6–17 Mar 2028	10-day classroom	Paris	English	8,950
1–5 May 2028	5-day classroom	Geneva	English	4,750
10–14 Jul 2028	5-day classroom	Abu Dhabi	English	4,750
14–25 Aug 2028	10-day online	Live online	Arabic	5,450
7–11 May 2029	5-day online	Live online	Arabic	2,950

Dates	Format	City	Language	Fee (USD)
6–17 Aug 2029	10-day classroom	Abu Dhabi	Arabic	8,950
1–5 Oct 2029	5-day classroom	Dubai	English	4,750
17–21 Dec 2029	5-day classroom	Amsterdam	English	4,750
3–7 Jun 2030	5-day classroom	Kuala Lumpur	English	4,750
7–18 Oct 2030	10-day classroom	Geneva	English	8,950
11–15 Nov 2030	5-day classroom	Dubai	English	4,750
9–20 Dec 2030	10-day online	Live online	English	5,450

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