



MINING FOR NON-MINERS (COAL & METALS)

COURSE CONTENT

Overview of the Mining Industry

History, significance, key commodities, major mining companies & optional regional overview.

Geology, Exploration, Modelling, Resource & Reserve Reporting

Key concepts, terminology, exploration, modelling, Resource & Reserve reporting.

Mine Planning & Asset Management

Why we plan, mine planning stages and activities, maintenance and asset management, importance of technology.

Surface Mining (Coal & Metals)

Why mine from surface, types of surface mines, terminology, cycle of mining and equipment detail modules (drill & blast, truck & loader, dragline).

Underground Mining (Coal & Metals)

Why we mine underground, terminology, access, development, production methods, material handling, and mine ventilation.

Material Processing

Why we process, processing stages, extractive metallurgy, steel production, and electricity generation.

Logistics

How we transport material and key considerations.

Marketing

Commodity pricing, and impact of price on projects/operations.

Sustainability

Overview of sustainability, sustainable strategy, and key social, environmental, and economic sustainability.

Overview

This course provides those from a non-mining background with a comprehensive understanding of the cycle of mining from exploration to processing.

Learning Outcomes

- Gain knowledge of the global mining industry.
- Understand key mining concepts and decision making processes.
- Explore the inter-relationships from exploration to product.
- Appreciate the various methods of extracting and processing material.
- Increase knowledge of commonly used mining terms.

Who is the Course For?

- Information Technology Professionals
- Accountants
- Marketers
- Human Resource Specialists
- Legal Professionals
- Investors
- Bankers
- Management Consultants
- Equipment Manufacturers

Delivery Mode

Classroom or Remote

Duration

Classroom - Two Days

Remote - 15 hours (5 x 3 hour sessions)

Want to Learn More?

Contact training@rpmglobal.com