Mining Finance Fundamentals Training Course

Professional Development Training Course Outline

Category	General Training	**Duration**	5 Days
Base Fee	$1,500 USD	**Delivery Mode**	Online / On-site Hybrid

Course Introduction

The Mining Finance Fundamentals Training Course is designed to equip professionals with advanced capabilities in mining investment analysis, project finance, commodity valuation, and risk management. As the global mining sector evolves under pressures of ESG compliance, energy transition minerals demand, inflationary cost structures, and capital market volatility, financial expertise has become a critical driver of operational success and sustainable growth. This course bridges the gap between technical mining operations and strategic financial decision-making, empowering participants to interpret complex financial models, evaluate mining assets, and optimize capital allocation strategies in high-risk environments.

With a strong emphasis on real-world mining economics, feasibility study interpretation, discounted cash flow (DCF) modeling, and strategic financing structures, the program integrates modern financial tools and industry best practices. Participants will gain deep insight into resource valuation, project lifecycle financing, joint venture structuring, royalty agreements, and commodity price forecasting. By the end of the course, learners will be able to confidently assess mining project viability, manage financial risks, and contribute to investment decisions in both junior and major mining companies operating in global markets.

Programme Curriculum

Mining Finance Fundamentals Training Course

Introduction

The Mining Finance Fundamentals Training Course is designed to equip professionals with advanced capabilities in mining investment analysis, project finance, commodity valuation, and risk management. As the global mining sector evolves under pressures of ESG compliance, energy transition minerals demand, inflationary cost structures, and capital market volatility, financial expertise has become a critical driver of operational success and sustainable growth. This course bridges the gap between technical mining operations and strategic financial decision-making, empowering participants to interpret complex financial models, evaluate

mining assets, and optimize capital allocation strategies in high-risk environments.

With a strong emphasis on real-world mining economics, feasibility study interpretation, discounted cash flow (DCF) modeling, and strategic financing structures, the program integrates modern financial tools and industry best practices. Participants will gain deep insight into resource valuation, project lifecycle financing, joint venture structuring, royalty agreements, and commodity price forecasting. By the end of the course, learners will be able to confidently assess mining project viability, manage financial risks, and contribute to investment decisions in both junior and major mining companies operating in global markets.

Course Duration

5 days

Course Objectives

1. Master mining project finance structures and capital allocation models
2. Understand DCF valuation techniques for mining assets
3. Evaluate commodity price volatility and hedging strategies
4. Apply ESG integration in mining investment decisions
5. Analyze feasibility studies and technical-economic reports
6. Develop proficiency in cash flow forecasting for mining operations
7. Assess operational and financial risk in mining projects
8. Understand royalty, streaming, and offtake agreements
9. Build competence in joint ventures and equity financing models
10. Interpret balance sheets and financial statements in mining firms
11. Optimize cost of capital and WACC for mining projects
12. Conduct investment appraisal under uncertainty scenarios
13. Apply strategic financial decision-making in mining lifecycle

Target Audience

1. Mining engineers transitioning into finance roles
2. Financial analysts in mining and resources sectors
3. Investment bankers specializing in commodities
4. Project managers in mining operations
5. Corporate finance professionals in resource companies
6. Government mineral resource regulators and policymakers
7. Private equity and venture capital investors in mining
8. Graduate students in mining engineering, economics, or finance

Course Modules

Module 1: Introduction to Mining Finance & Industry Structure

- Overview of global mining finance ecosystem
- Mining lifecycle and capital intensity stages
- Key financial stakeholders in mining projects
- Funding sources-equity, debt, royalties
- Mining economics vs traditional corporate finance
- **Case Study:** Financing structure of a junior gold exploration company transitioning to production

Module 2: Mineral Economics & Commodity Markets

- Commodity cycles and demand-supply dynamics
- Price forecasting models for metals and minerals
- Impact of geopolitical risks on pricing
- Benchmarking iron ore, gold, copper markets
- Inflation and currency effects on mining revenues
- **Case Study:** Copper price volatility impact on Chilean mining operations

Module 3: Mining Valuation Techniques

- Discounted Cash Flow (DCF) modeling
- Net Present Value (NPV) and IRR in mining
- Resource and reserve valuation methods
- Sensitivity and scenario analysis
- Mine life valuation adjustments
- **Case Study:** Valuation of a lithium brine project in South America

Module 4: Project Finance in Mining

- Structure of mining project financing
- Debt vs equity financing strategies
- Syndicated loans and export credit agencies
- Risk-sharing mechanisms
- Capital structuring for greenfield projects
- **Case Study:** Financing a large-scale underground platinum mine

Module 5: Risk Management in Mining Finance

- Operational, financial, and political risks
- Hedging strategies for commodities
- Insurance and risk mitigation instruments
- Country risk and sovereign exposure
- Stress testing mining portfolios
- **Case Study:** Political risk impact on African cobalt mining investments

Module 6: ESG & Sustainable Mining Finance

- ESG scoring and investment criteria
- Carbon regulations and transition minerals
- Sustainable finance instruments
- Environmental compliance costs
- Social license to operate (SLO)
- **Case Study:** ESG restructuring of a coal mining company transitioning to renewables-linked minerals

Module 7: Financial Statements & Mining Performance Analysis

- Mining company income statement analysis
- Cost of goods sold (COGS) in mining operations
- CapEx vs OpEx optimization
- Free cash flow interpretation
- KPI benchmarking in mining firms
- **Case Study:** Financial turnaround of a mid-tier iron ore producer

Module 8: Strategic Investment & Portfolio Decision-Making

- Portfolio diversification in mining assets
- Mergers and acquisitions in mining sector
- Strategic alliances and joint ventures
- Capital allocation frameworks
- Long-term value creation strategies
- **Case Study:** Acquisition of a junior mining firm by a global diversified miner

Training Methodology

- Interactive lectures and presentations.
- Group discussions and brainstorming sessions.
- Hands-on exercises using real-world datasets.
- Role-playing and scenario-based simulations.
- Analysis of case studies to bridge theory and practice.
- Peer-to-peer learning and networking.
- Expert-led Q&A sessions.
- Continuous feedback and personalized guidance.

Register as a group from 3 participants for a Discount

Send us an email: info@fineskilltrainingcenter.org or call *+254769199797*

Certification

Upon successful completion of this training, participants will be issued with a globally- recognized certificate.

Tailor-Made Course

We also offer tailor-made courses based on your needs.

Key Notes

a. The participant must be conversant with English.

b. Upon completion of training the participant will be issued with an Authorized Training Certificate

c. Course duration is flexible and the contents can be modified to fit any number of days.

d. The course fee includes facilitation training materials, 2 coffee breaks, buffet lunch and A Certificate upon successful completion of Training.

e. One-year post-training support Consultation and Coaching provided after the course.

f. Payment should be done at least a week before commence of the training, to Fineskill Training Center account, as indicated in the invoice so as to enable us prepare better for you.

Upcoming Scheduled Sessions

Start Date	End Date	Location	Price
23 Nov 2026	27 Nov 2026	Online	$1,000
23 Nov 2026	27 Nov 2026	Physical	$1,500
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$3,000
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$4,500
23 Nov 2026	27 Nov 2026	Physical	$6,000
23 Nov 2026	27 Nov 2026	Physical	$6,000

Ready to enroll or request a customized program? Book online or contact us:

Register Online Now

Email: info@fineskilltrainingcenter.com | Website: www.fineskilltrainingcenter.com