



MINING AND MINERALS TRAINING

Mineral Beneficiation and Value Addition

3 day course

Classroom, online or in-house

Course overview

African governments increasingly require minerals to be processed further before export, and the economic case for each additional step is far more specific than the policy debate suggests. This course examines it properly. Delegates work through the beneficiation chain from ore through concentrate, metal and semi fabricated product, and the capital, energy and skills each step demands. Energy cost and reliability are treated as the decisive variable they usually are. Market access and the tariff structures that shape where processing happens are covered. Policy instruments including export levies and incentives are assessed on evidence. The course closes on evaluating a specific beneficiation proposal and on the conditions under which it genuinely creates value.

What you will learn

- Map the beneficiation chain from ore to semi fabricated product
- Assess the capital, energy and skills each step demands
- Evaluate energy cost and reliability as a decisive constraint
- Analyse market access and tariff structures
- Assess policy instruments including export levies and incentives
- Evaluate a specific beneficiation proposal on its economics
- Identify the conditions under which value addition genuinely pays

Who should attend

- Government minerals and industrial policy staff
- Mining company strategy and commercial staff
- Development finance and investment analysts
- Metallurgists and engineers assessing projects
- Researchers and advisers on minerals policy

Course outline

- 01 Policy debate against project economics
- 02 The beneficiation chain
- 03 Capital, energy and skills requirements
- 04 Energy cost and reliability
- 05 Market access and tariffs
- 06 Export levies and incentives
- 07 Evaluating a specific proposal
- 08 Conditions under which value addition pays

Upcoming dates

Dates	Venue	Format	Fee per delegate
21 to 23 September 2026	Accra, Ghana	Classroom	USD 995
14 to 16 October 2026	Durban, South Africa	Classroom	R14,950
13 to 15 January 2027	Cape Town, South Africa	Classroom	R14,950
3 to 5 February 2027	Lusaka, Zambia	Classroom	USD 995



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriscience.co.za | Pretoria, Gauteng, South Africa