Community Health and Mining Impacts 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 global extractive sector is undergoing a profound paradigm shift driven by stringent Environmental, Social, and Governance (ESG) mandates and the imperative to secure a Social Licence to Operate (SLO). Historically, mining operations focused heavily on occupational safety within the lease boundary, often overlooking the peripheral, long-term Social Determinants of Health (SDH) affecting host communities. To prevent systemic community-company conflict and mitigate cumulative environmental health risks, contemporary asset development requires a rigorous, predictive, and multi-disciplinary framework that aligns directly with the United Nations Sustainable Development Goal 3

This Community Health & Mining Impacts Training Course provides an advanced, scientifically grounded curriculum designed to institutionalize predictive health planning across the entire mine lifecycle, from initial exploration to post-closure reclamation. Participants will master the tracking of both leading and lagging indicators, deploy human rights-based approaches, and implement risk-based medical surveillance models tailored for vulnerable, exposed populations. Ultimately, this training equips professionals with the capabilities needed to operationalize a vision of Zero Harm, transforming host community relations from a liability into a resilient, sustainable partnership.

Programme Curriculum

Community Health and Mining Impacts Training Course

Introduction

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Course Duration

5 days

Course Objectives

1. Master the structural procedures required to systematically embed Health Impact Assessments (HIA) directly into standard Environmental Impact Assessments (EIA) across global jurisdictions.
2. Align community health strategies with modern Environmental, Social, and Governance (ESG) criteria to drive sustainable capital investment.
3. Deploy advanced data collection methods to establish robust, localized health baselines and accurately track community epidemiological changes.
4. Formulate and monitor rigorous leading and lagging indicators to proactively manage and eliminate health hazards before they affect surrounding communities.
5. Identify and control exposure pathways for mining-induced particulate matter, silica dust, and heavy metals in local water supplies.
6. Build trust-based frameworks that reduce community-company conflict and secure a long-term Social Licence to Operate.
7. Design interventions targeted at the structural Social Determinants of Health, including infrastructure strain, food security, and influx-related economic disparities.
8. Develop robust vector control plans and mitigation strategies for communicable and sexually transmitted infections exacerbated by workforce in-migration.
9. Create actionable, site-specific Health Action Plans (HAP) that comply with International Finance Corporation (IFC) Performance Standards.
10. Deploy culturally sensitive, gender-responsive stakeholder engagement frameworks that elevate vulnerable and indigenous voices.
11. Architect sustainable post-mining considerations and closure plans that prevent long-term legacy health liabilities.
12. Formulate surrounding community health screening models and biomonitoring protocols to detect early chemical or environmental exposures.
13. Establish transparent, rights-compatible project grievance mechanisms to resolve community health complaints efficiently and maintain operational continuity.

Target Audience

- Sustainability and ESG Directors.
- Community Relations and Social Performance Managers
- Environmental Health and Safety (EHS) Professionals

- Public Health Officials and Government Regulators
- Environmental and Social Impact Assessment (ESIA) Consultants.
- Civil Society and Non-Governmental Organization (NGO) Leaders
- Mine Planning, Closure, and Remediation Engineers.
- Legal Counsel and Compliance Officers

Course Modules

Module 1: Foundations of Community Health in Extractive Industries

- Introduction to the Social Determinants of Health (SDH)
- Lifecycle Approach
- The Zero Harm Paradigm
- Socio-Economic Dynamics
- Regulatory & International Standards
- *Case Study:* The Zambian Copperbelt Shift

Module 2: The HIA Integration Framework

- Methodological Frameworks
- Screening Procedures
- Scoping Boundaries
- Conceptual Modelling
- Vulnerability Mapping
- *Case Study:* Gold Mining Expansion in Western Australia

Module 3: Environmental Health Vector and Exposure Pathways

- Air Quality Analytics
- Hydro-Toxicology & Heavy Metals
- Acoustic & Vibration Stressors
- Ecosystem Services Disruption
- Biomonitoring Protocols
- *Case Study:* Artisanal and Small-Scale Gold Mining (ASM) in East Africa

Module 4: Influx Management and Communicable Disease Control

- The Influx Phenomenon
- Communicable Disease Dynamics
- Vector-Borne Disease Mitigation
- Healthcare Infrastructure Stress
- Synergistic Health Solutions
- *Case Study:* In-Migration Dynamics in a Mozambican Coal Asset

Module 5: Stakeholder Engagement, Gender, and Social Performance

- Inclusive Engagement Frameworks
- Elevating Vulnerable Voices.
- Human Rights-Based Approaches
- Gender-Differential Impacts
- Expectation Management
- *Case Study:* Indigenous Consultations in the Peruvian Andes

Module 6: Developing and Executing the Health Action Plan (HAP)

- HAP Architecture
- The Mitigation Hierarchy.
- Resource Allocation.
- Targeted Health Programs.
- Emergency Response Integration
- *Case Study:* Polymetallic Asset Development in South Africa.

Module 7: Grievance Mechanisms, Systems, and Data Monitoring

- Grievance Architecture
- Leading vs. Lagging Indicators
- Data-Driven Accountability
- Continuous Improvement Loop
- Digital Systems Integration.
- *Case Study:* Community Air Quality Grievances in a South American Open-Pit Mine

Module 8: Mine Closure, Legacy Liabilities, and Post-Mining Health

- Decommissioning Planning.
- Acid Drainage & Tailings Safety.
- Socio-Economic Post-Mining Health
- Land Reclamation Safety.
- Long-Term Institutional Handover
- *Case Study:* Legacy Uranium and Coal Clean-up in North America

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:

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