

CHARTERED 
INSTITUTE OF PROFESSIONAL CERTIFICATIONS

CERTIFIED MINING PROJECT FEASIBILITY AND FINANCIAL EVALUATION MANAGER TM

CMPF TM

**Fully Accredited
By:**

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PROGRAM OVERVIEW



Mining feasibility studies are inherently complex, requiring a thorough evaluation of technical, economic, and regulatory factors. These assessments encompass everything from geological analysis and infrastructure planning to environmental impact considerations and stakeholder approvals. Over the past decade, 80% of junior mining companies have lost investor funds, underscoring the critical need for robust feasibility studies. However, **recent research indicates that when project feasibility studies are conducted rigorously, these studies can dramatically shift outcomes, leading to projects with returns as high as 58%.**

This certified program will equip you with the expertise to evaluate, design, and manage mining projects from a feasibility and financial assessment perspective. You will gain a deep understanding of the technical, financial, operational, and environmental considerations that underpin successful mining project development. Throughout this program, you will delve into key areas including **geological assessments, mining methods, metallurgical testing, infrastructure planning, and risk management.** You will develop practical skills in conducting **feasibility studies, evaluating project economics, and creating comprehensive project development plans.** The program emphasizes critical aspects such as capital and operating cost estimation, financial modeling, and sensitivity analysis. You will explore the importance of integrating technical and financial considerations, managing stakeholder expectations, and ensuring regulatory compliance.

ACCREDITATIONS



4.8



4.6



PROGRAM OVERVIEW



Additionally, this program ensures you are well-versed in conducting environmental and social impact assessments, managing regulatory compliance, and mitigating risks effectively. You will have hands-on experience in **geological assessments and mineral resource estimation**, teaching you to interpret geological data and apply industry standards like JORC and NI 43-101. You will learn to **select appropriate mining methods, design efficient process flows, and plan infrastructure and logistics to optimize operational efficiency**. By the end of the program, you will be fully prepared to create comprehensive feasibility study reports aligned with stakeholder and investor expectations, making you an invaluable asset in the mining industry.

Upon successful completion of the program, **Certified Mining Project Feasibility and Financial Evaluation Manager (CMPF™)** designation, validating your expertise in comprehensive mining project assessment and financial evaluation, positioning you as a leader in the mining sector. Globally demanded and recognized, the certification holds lifelong validity and will underscore your expertise while elevating your professional standing in the critical field of mining project development.

ACCREDITATIONS



4.8




4.6



KEY SKILLS YOU WILL GAIN

From This Program



**TECHNICAL FEASIBILITY
FEASIBILITY STUDIES STRUCTURES
MINERAL RESOURCE ESTIMATION
MINING METHOD SELECTION**

**MINING DESIGN CONSIDERATIONS
PROCESS DESIGN & METALLURGICAL TESTING
INFRASTRUCTURE & LOGISTICS PLANNING
ENVIRONMENTAL IMPACT ASSESSMENT**

**CAPITAL & OPERATING COST ESTIMATION
FINANCIAL MODELLING
NPV (NET PRESENT VALUE)
IRR (INTERNAL RATE OF RETURN)**

**CASH FLOW ANALYSIS
TECHNICAL RISK IDENTIFICATION
TECHNICAL RISK MITIGATION
OPERATIONAL PLANNING & SCALABILITY
SAFETY PROTOCOL DESIGN**

**COMMUNITY ENGAGEMENT
SOCIAL IMPACT MANAGEMENT**

YOUR FACULTY DIRECTOR



Dr. Ali Soofastaei

Renowned Mining Project Feasibility and Financial Evaluation Expert

Dr. Ali Soofastaei is a renowned expert in mining project feasibility and financial evaluation, with over 15 years of experience in driving digital transformation and AI-powered initiatives in the mining industry. As a seasoned professional with a PhD in Information Technology, Mechanical & Mining Engineering, Dr. Soofastaei has worked with top-tier mining corporations, including **Newmont, Vale, and BHP, delivering multi-million-dollar projects that enhance efficiency, sustainability, and profitability.**

His expertise spans **technical and financial evaluation, geological assessments, mining methods, metallurgical testing, and infrastructure planning.** Dr. Soofastaei is a **Certified Project Management Professional (PMP)** and holds certifications from **Harvard and GAFM.** With his unique blend of technical, financial, and leadership expertise, Dr. Soofastaei provides participants with actionable insights and strategic acumen necessary for effective mining project feasibility and financial evaluation.

OUR PARTICIPANTS

Over 70% of FORTUNE 500 Companies Have Attended Our Accredited Programs Before



PROGRAM AGENDA



MODULE 1 - INTRODUCTION TO MINING PROJECT FEASIBILITY

- Overview of Feasibility Studies in Mining
- Phases of Mining Project Development
- Integrating Technical, Financial, and Environmental Considerations

MODULE 2 - GEOLOGICAL ASSESSMENTS & MINERAL RESOURCE ESTIMATION

- Exploration Techniques & Resource Classification Standards (JORC, NI 43-101)
- Geostatistical Modeling for Resource Estimation
- Addressing Uncertainty & Improving Resource Accuracy

MODULE 3 - MINING METHODS & PROCESS DESIGN

- Selection of Surface vs. Underground Mining Methods
- Equipment Planning & Mine Planning Strategies
- Life-of-Mine Planning & Operational Scalability

MODULE 4 - METALLURGICAL TESTING & PROCESS OPTIMIZATION

- Importance of Metallurgical Test Work in Feasibility Studies
- Process Flow Design for Mineral Recovery
- Evaluating Ore Characteristics & Processing Efficiency

MODULE 5 - INFRASTRUCTURE & LOGISTICS PLANNING

- Power, Water, and Transport Requirements for Mining Operations
- Cost Optimization in Remote Mining Operations
- Supply Chain & Logistics Planning for Project Viability

MODULE 6 - ENVIRONMENTAL & SOCIAL IMPACT ASSESSMENTS

- Supply Chain & Logistics Planning for Project Viability
- Regulatory Frameworks for Environmental Compliance
- Social Responsibility & Community Engagement
- ESG (Environmental, Social, Governance) Considerations in Mining

PROGRAM AGENDA



MODULE 7 - RISK MANAGEMENT & SAFETY IN MINING PROJECTS

- Identifying & Mitigating Technical & Operational Risks
- Designing & Implementing Safety Protocols
- Contingency Planning for Project Delays & Failures

MODULE 8 - CAPITAL & OPERATING COST ESTIMATION

- Building Cost Models for Mining Projects
- Sensitivity Analysis & Cost Risk Management
- Understanding Capital & Operating Cost Components

MODULE 9 - ECONOMIC FEASIBILITY & FINANCIAL MODELING

- Financial Metrics – NPV, IRR, Payback Period
- Scenario Analysis & Stress Testing for Investment Decisions
- Integrating Technical & Financial Results into Decision-Making

MODULE 10 - FEASIBILITY STUDY REPORTING & PROJECT APPROVAL

- Structuring Comprehensive Feasibility Study Reports
- Communicating Findings to Investors & Stakeholders
- Securing Project Approvals & Investment Funding

YOUR CHARTER DESIGNATION



Chartered Institute of Professional Certifications' programs are unique as they provide you with professional charter designations and marks that can be used across your lifetime once you have completed our programs.

Upon successfully attending this program, you will be awarded with the **Certified Mining Project Feasibility and Financial Evaluation Manager (CMPF™)** designation that can be used in your resume, CV and other professional credentials. This certification is industry-recognized with lifelong validity.

Globally demanded and recognized, this certification distinguishes you as a skilled professional with the knowledge and skills to evaluate mining projects feasibility from a technical, financial, and operational perspective. Developed by **Chartered Institute of Professional Certifications**, the content of this program has been independently accredited by **CPD Certification Service** as adhering to the highest standards of continuing professional principles.

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All of Chartered Institute of Professional Certifications programs are fully accredited programs. The professional charters and designations are trademarked credentials that can only be used by professionals who have completed and passed our accredited program. It is also independently accredited by CPD as adhering to the highest standards of continuing professional principles.

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CONTACT US TODAY

We Thank You for Your Ongoing Support
of Our Programs

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