Project Management

Training course for mining professionals

COURSE OVERVIEW

Developed by the Boiler Room (a leading training and development consultancy) and VBKOM (a mining services consultancy) this course is tailored for mining operations. Integrating these practices as performance metrics into your KPI's will drive efficiency and improve project success rates.

The course leverages VBKOM's extensive industry expertise, enhancing Project Management practices within your operations. It features responsive design, real-world case studies and interactive simulations to foster comprehension and skill development. The course is aligned with the PMBOK Guide, to ensure mastery of course content. Covering the 5 Project Management Process Groups (Initiating, Planning, Executing, Monitoring and Controlling and Closing) and the 10 Knowledge Areas (Project Integration Management, Project Scope Management, Project Schedule Management, Project Cost Management, Project Quality Management, Project Resource Management, Project Communications Management, Project Risk Management, Project Procurement Management and Project Stakeholder Management).

Enrolling your team paves the way for future **Project Management excellence in your business.**

What will participants learn?

The Project Management for Mining Professionals e-learning course offers a comprehensive analysis of Project Management processes, providing your team with the skills needed to make informed decisions.

This training enables your Project Managers and Principal Leads to streamline work, minimise risks, optimise resources and achieve project goals within the approved scope, budget and timelines.

By applying the PMBOK Guide's extensive range of practical tools and techniques covered in the modules, you will be able to develop capable and experienced Project Management professionals who will drive your organisation's success.

1 Master Project Management principles & processes.

2 Hands-on experience with practical tools & techniques.

3 Strategies for efficient project delivery.

4 Enhanced problem-solving skills.

5 Improved Risk Management.

The course explores the **5 core Project Management Process Groups** and the **10 fundamental Knowledge Areas** crucial for effective Project Management.

Who should attend?

This course is tailored for mining professionals, including Project Managers and Specialists from various fields involved in different phases of mining projects.

By enrolling your team members with at least two years of Project Management experience, you can ensure they acquire the skills needed to excel.

What will be gained?

Upon successfully completing the course, your employees will be awarded a Certificate of Completion. This certificate demonstrates their proficiency in Project Management within the mining sector, validating their capability to manage complex projects effectively and contribute significantly to your organisation's success.

Note that this course does not offer formal accreditation.

Why our course?

This course stands out with its dynamic, hands-on approach, blending interactive modules and real-life scenarios.

Unlike traditional Project Management courses, it features engaging simulations, practical exercises and immediate feedback, ensuring that learners not only understand, but actively apply Project Management principles.

BOILER ROOM

pmmining.training

VBKOM Academy

Approximate Time to Complete the Module

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Module 1 | Understanding Project Management (Part 1)
TOPICS
- Project Management Fallacies
- History of Project Management
- Project and Product Lifecycles
- Different Project Lifecycle Types
- The Uncertainty Paradox

4:05:00

Module 2 | Understanding Project Management (Part 2)
TOPICS
- Project Stages
- Project Management Knowledge
- Project Management Concepts

2:18:00

Module 3 | Flow of a Project
TOPICS
- The Cornerstones of a Project
- Project Development Stages
- Brief Recap Module 1
- Initiating, Planning, Executing, Monitoring & Controlling, Closing
- The 5 Project Management Process Groups

2:04:00

Module 4 | Initiating a Project (Part 1)
TOPICS
- Business Case vs Business Plan
- Benefits Management Plan
- Identify Key Stakeholders
- Project Charter best practices and guidelines
- Project goals and SMART objectives

1:53:00

Module 5 | Initiating a Project (Part 2)
TOPICS
- Complete the Stakeholder Management Plan
- Acquire the Project Team
- Collect Requirements
- Choose the Best Project Approach

3:36:00

Module 6 | Planning a Project (Part 1)
TOPICS
- Define the Scope
- Create the Work Breakdown Structure (WBS)

1:54:00

Module 7 | Planning a Project (Part 2)
TOPICS
- Develop the Schedule
- Work Breakdown Structure (WBS)
- Break the WBS into individual activities
- Network diagram

2:12:00

Module 8 | Planning a Project (Part 3)
TOPICS
- Estimate Cost and Determine the Budget
- Develop the Project Management Plan
- Approve the Project Management Plan
- Baseline the Scope, Budget and Schedule

3:22:00

Module 9 | Risk Management
TOPICS
- Identify, assess and prioritise Risks
- Monitoring and controlling the likelihood, impact of Risk Events
- Opportunities and Threats
- Four types of uncertainties
- Five key steps of a generic Risk Management Process

2:03:00

Module 10 | Cost Management
TOPICS
- Earned Value and Earned Value Management concepts
- Three key components of Earned Value: Planned Value, Earned Value, and Actual Cost
- Calculate Schedule and Cost Variances
- Schedule and Cost Performance Indexes

2:39:00

Module 11 | Quality Management
TOPICS
- Differentiate between Quality Assurance and Quality Control
- Differentiate between Quality and Grade
- Quality Management integration with Project Management Knowledge Areas

3:22:00

Module 12 | Resource Management
TOPICS
- The human aspect in Projects
- Organisational influence on Projects
- Personnel and their challenges

4:19:00

Module 13 | Communication Management
TOPICS
- Categorise effective communication practices
- Key causes and consequences of miscommunication
- Stakeholder communication
- Four principal communication styles

3:20:00

Module 14 | Procurement Management
TOPICS
- Project Procurement Management Plan
- Connecting Resource Management with Procurement Management
- Contracting and pricing strategies

2:13:00

Module 15 | Project Execution
TOPICS
- Apply various PMI Knowledge Areas
- Interpret the Project Schedule
- Evaluate project metrics necessary for tracking Project Execution
- Importance of meetings in Project Monitoring

2:47:00

Module 16 | Project Closing
TOPICS
- How to plan, execute and organise Project Closeout
- Common issues and challenges encountered during the Closure process
- Responsibilities and functions of the Project Manager during the Closure process
- Steps required to ensure proper Project Closure

2:42:00