AusIMM Courses

Study Processes for Resource Projects

ASSOCIATE CERTIFICATE



Understand the stages. Strengthen your strategy. Deliver successful studies

Course overview

Gain clarity and confidence in navigating study phases for resource projects.

This practical online course equips mining professionals with a structured understanding of study processes across the project lifecycle – from scoping to feasibility to execution. You'll learn how to contribute more effectively to study outcomes, align with stakeholder expectations, and drive project success.

Over 5 weeks, you'll explore key study stages, governance frameworks, and real-world examples, guided by industry experts with extensive project experience.

- Learn from industry experts
- Flexible online delivery
- Digital badge on completion

Why this course matters

A strong grasp of study processes is critical to the success of resource projects. Misalignment, unclear scopes, or poor study execution can result in project delays, cost overruns, or missed investment opportunities.

This course is designed to:

- Clarify the purpose and scope of each study stage
- Enhance stakeholder alignment and decision-making
- Reduce study inefficiencies and cost blowouts
- Build a foundation for successful project development

Who should enrol?

AusIMM Courses are open to all, with no formal prerequisites; however this course is ideally suited to professionals involved in or supporting resource project studies, including:

- Mining engineers and geologists
- Project and study managers
- Technical and commercial analysts
- Graduate or early-career professionals
- Consultants and service providers
- Operational team members contributing to study phases

PD hours
20 hours

Delivery
100% online

Duration
5 weeks

Certificate
Digital credential

Pricing

Member $1,722
Non-member $2,100

Prices are in Australian dollars and are inclusive of 10% GST

Discounts available when 3 or more participants book together.

Scan for more information

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What you'll learn

Understand the structure and purpose of study processes in mining:

- Overview of study phases: Scoping, PFS, FS, and DFS
- Governance, risk, and evaluation principles
- Key deliverables and decision-making milestones
- Practical examples and case studies from real resource projects

Career outcomes

- Step into roles supporting study or project management
- Develop cross-functional awareness of project lifecycle stages
- Strengthen your strategic thinking and commercial insight

Organisational benefits

- Support more efficient, aligned study outcomes
- Reduce rework and improve stakeholder engagement
- Improve project readiness with better-informed teams
- Enable consistent study frameworks across the organisation

Know the process. Shape the outcome.

Inconsistent or poorly understood study processes can derail even the most promising projects. This course empowers professionals with the knowledge and structure to deliver studies that set projects up for success.

Build confidence in resource project development. Upskill yourself or your team with the tools to deliver efficient, strategic, and aligned study outcomes – from concept to investment decision.

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Facilitators

See full facilitator profiles on our course page.



Geoff Deans
Director,
Modifying Factors



Irena Ivanova
Engineering Manager,
Kalgoorlie Nickel



Lisa Park
Metallurgist



Evan Roberts
Group Principal Engineer,
AngloGold Ashanti



Karl van Olden
Director and Head of Mining & Metals - Underground Mining,
AMC Consultants

Study Processes for Resource Projects modules

1 Introduction, environment, social and permitting

1. Describe why study guidelines are important, and the different interpretations
2. Identify naming conventions and list the components of each study phase
3. Describe the considerations to address in a study for internal and external audience groups
4. Develop a personal list of valuable resources and international standards
5. Describe the scene setting aspects of a study
6. Describe the environmental and social considerations for a study
7. Identify types of permits, other than the ESIA permit, which may be required

2 Geology, mining and metallurgy

1. Recognise the link between deposit knowledge and study definition
2. Identify important strategic concepts in developing a life-of-mine plan
3. Explain the influence of mineral-deposit characteristics on mining and processing strategies
4. Outline the impact of mining and processing design-and-scheduling decisions, on business outcomes
5. Recognise technical risk-management-strategies applied in studies, to address inherent uncertainty Ordering information in topics, paragraphs, and sentences

3 Engineering requirements, forward work plans and study process controls

1. Identify the key engineering components required to support the project
2. Demonstrate a structured framework for advancing engineering design at the right time through the study process
3. Recognise the importance of establishing study controls
4. Recognise the importance of the role and requirement for forward works and project implementation plans

4 The business case (and wrap-up)

1. List the key components of a study charter and business case
2. Develop and communicate an effective value proposition
3. Describe the assessment of risk in a sustainable business case
4. Explain the concept of transparency and accuracy for each of level of study for decision-makers