



AMPS

ADVANCED MINING PRODUCTION SYSTEMS

Please contact us for more information or to register for one of our courses

Call: **1300 885 404**

Email: training@advancedmps.com

INVEST IN YOUR FUTURE LEADERS

Accelerate your engineers knowledge by enrolling them in one of our Practical Mining Courses.

DRILL & BLAST OPTIMISATION 3 DAY TRAINING COURSE

This course is designed to equip D&B engineers with the skills and knowledge to address D&B problems encountered within underground mining.

They will learn how to critically assess common problems encountered in an underground production engineering role, apply strategic thinking to identify solutions, and how to optimise production methods.



ADVANCED DRILL & BLAST PRINCIPLES

Plan and design drill & blast plans using basic principles and practical considerations.



STOPE DESIGN & OPTIMISATION

Identify design parameters and optimise a stope to maximise its profitability and performance



REPORTING & DOCUMENTATION

Learn the importance of stope planning, data tracking, management and reporting



WHO ARE WE?

At AdvancedMPS we train and develop mining professionals in the art of underground mining.

Our teaching techniques enable students to apply their knowledge with confidence to achieve results.



FEES & REGISTRATION

1 - 2 people from the same mine \$3,500 / person*

>3 people from the same mine \$3,400 /person*

* Fees cover the course, course facilities, course materials, lunches & refreshments. Accommodation is **not** included in this fee.

www.advancedmps.com



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DRILL & BLAST OPTIMISATION 3 DAY TRAINING COURSE

DAY 1

UNDERGROUND MINING METHODS AND FUNDAMENTAL PRINCIPLES

- Roles and responsibilities
- Stope process flow
- Basic mining extraction methods overview
- Legal and safety
- Equipment and tools

PRODUCTION RING DESIGN AND BLASTING

- Drill & Blast concepts
- Drill designs
- Ground support

DAY 2

STOPE DESIGN AND OPTIMISATION

- Stope shape
- Stope planning & design
- QA/QC
- Reconciliation
- Mine design economic considerations
- Importance of data/physical tracking
- Management and reporting
- Documentation and maintaining naming conventions

DAY 3

ADVANCED DRILL & BLAST PRINCIPLES

- Timing and sequencing
- Slashing design
- Design a working plan from set parameters

ADVANCED STOPE DESIGN AND OPTIMISATION

- Complex stope design
- Mining economics
- Charging risks and considerations
- Backfill considerations and complications



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