

GEOVIA MineSched™ Underground Mine Scheduling (3 days)



The GEOVIA MineSched™ Underground Mine Scheduling course is a three-day course specifically designed for underground mine planners who are new users of MineSched. The course provides an understanding of how MineSched works and the concepts that drive the software. During the course, students will learn to create basic tactical underground mine operation schedules as well as to modify and refine them.

COURSE PREREQUISITES

- Exposure to underground mining methods and planning practices
- Good working knowledge of block modeling and underground mine design functionality of GEOVIA Surpac™, GEMS™, Minex™, or any other mine planning package
- Knowledge of Windows Operating Systems
- Knowledge of file management, ASCII format files, and Microsoft Excel.

EXPECTED OUTCOMES

Upon completion of this course, users will be able to accomplish the following:

- Comprehend the fundamental concepts of MineSched
- Define a suitable file management structure for MineSched schedules
- Prepare, check, and validate input data
- Setup and run a basic underground mine schedule
- Define and manipulate material movement streams
- Set quality targets and material ratios
- Use the animation and presentation tools to validate schedules
- Output schedule results

If a desired expected outcome is not listed above please contact GEOVIA Training for a detailed list of course deliverables and to discuss tailored training

COURSE STRUCTURE FLOW

Concepts	Topics
Introduction	Fundamental concepts
	MineSched interface Getting help
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Prepare and validate data	Block model and mine design data check, import, and validation
	Recommended data structure
Setup a basic underground mine schedule	Define material classes and qualities/grades
	Setup user parameters and calculations
	Add underground mine development locations
	Create underground production locations
	Define a material movement network
	Apply precedence rules
	Create and allocate resources
	Set resource calendars
	Define schedule duration and granularity
Publish results	Use graphs, reports and animations to validate a schedule
	Create custom reports
Refine an underground schedule	Define and sequence productioncycle ancillary activities

	Apply parameters to control schedule sequences
	Set quality/grade targets
	Define priorities and material movement ratios
Open session	Open discussion and Q&A session

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