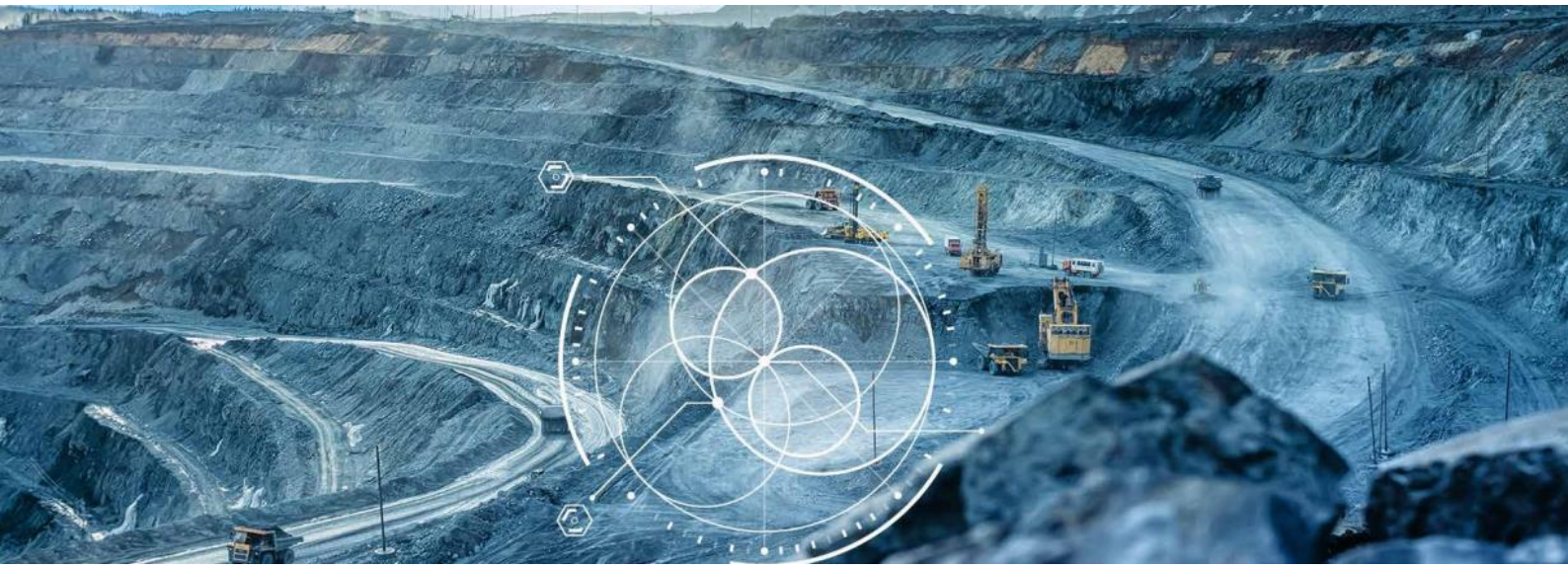
GEOVIA MineSched™ Surface Mine Scheduling (5 days)



The GEOVIA MineSched™ Surface Mine Scheduling is a five-day course specifically designed for surface 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 set up basic tactical schedules for surface mining operations as well as how to modify and refine them.

COURSE PREREQUISITES

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

EXPECTED OUTCOMES

Upon completion of this course, users will:

- 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 surface mine schedule
- Define and manipulate material movement streams
- Set quality targets and material ratios
- Use the animation and reporting 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
Overview	Fundamental concepts
	MineSched interface
	Getting help
Prepare and validate data	Block model and design data check, import, and validation
	Recommended data structure
Setup a basic surface mine schedule	Define material classes and qualities/grades
	Define user parameter and calculations
	Create scheduling locations
	Setup a material movement network
	Apply precedence rules
	Create and allocate resources
	Set resource calendars
	Define schedule length and granularity
Publish results	Use graphs, reports, and animations to validate a schedule

	Create custom reports
Refine a long term surface mine schedule	Apply parameters to control production sequences
	Set quality/grade targets
	Define material movement ratios and priorities
Create short-term surface mine schedules	Bridging long-term with short-term schedules
	Define and sequence polygon-based mining locations
	Define ancillary activities and resources
Open session	Open discussion and Q&A session
Exam	Exam

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