

GEOVIA GEMS BLOCK MODELLING

(3 DAYS)

The GEMS™ Block Modelling course is a three-day course designed for resource geologist/engineers who want to become familiar with the block estimation and classification techniques. The course includes: drillhole compositing & data manipulation, basic geostatistical analysis, block model setup & updating, and basic interpolation techniques (i.e. inverse distance & ordinary kriging). This course will also explore different methods of categorizing and reporting volumes and tonnage for resources.

COURSE PREREQUISITES

Before taking this course, you require the following:

- Knowledge of Windows® 2000, XP, Vista® or Windows 7 Operating System
- Completion of GEMS Foundation
- Suggested completion of GEMS Geological Modelling
- General knowledge of geostatistical principles including variography and interpolation

The GEMS menu structure and graphical user interface (GUI) are similar to most Windows-based packages and therefore a basic knowledge of the Windows operating system and environment is necessary.

EXPECTED OUTCOMES

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

- Run compositing routines to calculate weighted averages for grades
- Perform basic statistics and variography
- Create a block model
- Use block model display techniques
- Update block attributes for rock type and density
- Use inverse distance and ordinary kriging algorithms to update grade attributes
- Report volumes and tonnages using the block model with solids and /or surfaces
- Import and export block model

If a desired expected outcome is not listed above, please contact us to learn more about how we can tailor training to meet your needs.

FOR MORE INFORMATION AND REGISTRATION

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