GEOVIA Minex Course Catalog North America

3DS Learning Solutions | GEOVIA Minex

ABOUT OUR TRAINING COURSES

Dassault Systèmes offers a wide range of GEOVIA training courses designed to suit all levels of mining professionals, from Geologists and Engineers through to Technical and Project Managers. Whether you're an experienced user or just starting out in your career, our training courses will enable you to get the most out of your GEOVIA products.

Please note that training sessions shall be limited to six (6) participants per instructor or two (2) participants per virtually connection to ensure all topics are covered and questions are addressed within the time allotted.

CLASSROOM TRAINING IN NAM

GEOVIA Classroom Training courses are conducted at our Dassault Systèmes offices in Toronto, Vancouver and Montreal subject to instructor availability.

The dates for GEOVIA Classroom training course are flexible and are determined by market demand. For further information on a course or to find out when the course availability, please email us at GEOVIA.NAM.training@3ds.com or call **+1 866 560 5846.**

ONSITE – CUSTOMISED TRAINING

GEOVIA conducts custom training in which Client's chose their preferred dates, location, topics and/ or data. Groups of users requiring training make this a cost effective training solution. If you would like customized onsite training tailored to your operation's needs, please contact using the information below.

SERVICES

GEOVIA can assist with geology, engineering and operations activities. With over 25 years of expertise working with diverse commodities and mining environments, our typical services assignments span the spectrum of the value mining chain including: modelling, design, scheduling, data management, automated workflows, system configuration, and material movement tracking.

For more information, please click here to visit our Services information page.

CONTACT US

For all **TRAINING & SERVICES ENQUIRIES**
Email: GEOVIA.NAM.Training@3ds.com
Tel: +1 866 560 5846

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Minex Foundation		3
Course Code	MX_F_1	
Available	On-site | Virtual*	
Duration	3 days	
Course Material	English, French (upon request), Spanish (upon request)	
Level	Fundamental	
Audience	*Designed for New Users*	
Description	The course is designed for all new users. The course will provide novice users, whether they are geologists or engineers with a good foundation of key workflows. It covers concepts and procedures that will allow the user to perform basic functions in the system, and will serve as a basis for more advanced training.	
Objectives	Upon completion of this course, you will be able to accomplish the following: • Project set up and maintenance • Use and customise the Minex graphical interface and icons • View 3D graphical environment • In-depth understanding of the Minex data types and concepts • Digitise/edit strings • Import and export data • Understand the data types, concepts and file structure of Minex • Create new user data for points, lines and surfaces • Display and interrogate string and borehole data in 3D • Understand the concepts of grids and generate them • Understand the concepts of triangles and generate them • Generate simple volume calculations between surfaces • Basic reporting • Printing & plotting techniques	
Prerequisites	Before taking this course, you require the following: • Background in mining • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel® The Minex 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.	

* Virtual training requires adequate internet connection

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Minex SQL	
Course Code	MX_SQL_2
Available	On-site | Virtual*
Duration	2 days
Course Material	English, French (upon request), Spanish (upon request)
Level	Fundamental & Intermediate
Audience	*Designed for New & Existing Users*
Description	The course is designed for participants to customize and automate daily tasks performed within Minex. Participants will gain a good understanding of programming techniques using SQL.
Objectives	Upon completion of this course, you will be able to accomplish the following: • What is SQL • The SQL Editor: Legibility: Comments and Indenting, Compiling a Macro • Anatomy of an SQL Macro: Macro Type Statement, Declaration Statements, Assignment Statements, Selection Criteria & Truth Tables and Control Structures/Executable Statements • Mathematical and Logical Operators: Arithmetic & Logical Operators and Predefined Mathematical & Trigonometric Functions • Input and Output • Application to mining activities: exercises
Prerequisites	Before taking this course, you require the following: • **Completion of Minex Foundation course is required** • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel® • Knowledge of geological science • Knowledge of any programming language is helpful, but not essential The Minex 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.

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Minex Tcl	
Course Code	MX_TCL_3
Available	On-site | Virtual*
Duration	2 days
Course Material	English, French (upon request), Spanish (upon request)
Level	Intermediate
Audience	*Designed for Existing Users*
Description	The course is designed for participants to gain the proficiency to customize and automate daily tasks performed within Minex. Participants will gain a good understanding of programming techniques using Tcl.
Objectives	Upon completion of this course, you will be able to accomplish the following: • Basic Tcl Commands • Tcl Reference Material • Generating Tcl scripts • Tcl Syntax Rules • Working with Text Strings, Lists, and Numbers • Flow Control and Logical Operations • Introduction to Tk & Basic Tk Commands • Working with the File System: File Input and Output • The Implementation of Tcl in Minex • Recording and Playing Back Tcl Scripts in Minex • Creating and Calling Procedures • Exercises Drawn from Geology and Engineering • Examples of Sophisticated Tk Graphical User Interfaces
Prerequisites	Before taking this course, you require the following: • **Completion of Minex Foundation course is required** • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel® • Knowledge of geological science • Knowledge of any programming language is helpful, but not essential The Minex 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.

* Virtual training requires adequate internet connection