DASSAULT SYSTEMES | The 3DEXPERIENCE® Company

GEOVIA Minex Course Catalog Africa

3DEXPERIENCE®

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Minex for Geologists

Course Code	N/A
Available	2016
Duration	5 days/ 40 Hours
Course Material	English
Level	Intermediate to Advanced
Audience	Geologists
Description	It covers the basic requirements and setup steps with practical examples and demonstration datasets required to create a detailed geological model of a deposit.
Objectives	Upon completion of this course, you will be able to accomplish the following: • Installation • Use of Minex interface and associated tools • In-depth understanding of the Minex data types and concepts • Import and export data • Seam cross sectioning • Manipulation and creation of grids • Plotting techniques • Printing • Create fault lines/ strings • Create a borehole database • Load a borehole database • Report boreholes There are several more outcomes that will be achieved and will be explained further upon enquiry.
Prerequisites	Before taking this course, you require the following: • Knowledge of Windows ® Operating Systems • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel®
Available Online	No

Minex for Surface Engineering	
Course Code	N/A
Available	2016
Duration	5 days/ 40 Hours
Course Material	English
Level	Intermediate
Audience	Surface Engineers/ First time Users
Description	The GEOVIA Minex for Surface Engineers course enables users to understand the basics of Minex and how to apply the pit design, open pit reserve database module and open pit scheduling, enabling you to design and assess different pit designs.
Objectives	Upon completion of this course, you will be able to accomplish the following: • GEOVIA Overview • Installation • Use Minex interface and associated tools • In-depth understanding of the Minex data types and concepts • Project set up and maintenance • Creating and opening files • View 3D graphical environment • Import and export data • Digitise/edit strings • Create plans and sections • Generate ramps • Initialise/Build Reserves database • Report and Display Reserves Database • Detailed Schedule – rules and monitor There are several more outcomes that will be achieved and will be explained further upon enquiry.
Prerequisites	None.
Available Online	No

Minex for Washabilities

Course Code	N/A
Available	2016
Duration	2 days / 16 Hours
Course Material	English
Level	Intermediate to Advanced
Audience	Geologists
Description	It covers the basic requirements and setup steps with practical examples and demonstration datasets required to create a detailed washability model of a deposit.
Objectives	Upon completion of this course, you will be able to accomplish the following: • Creating a Washability Database • Create new Washability Analysis types and • variables • Import Cumulative or Incremental wash data • Report and verify imported data • Regularize wash data • Create Washability data type and variables in • Borehole database • Update Borehole Database with wash data • Detailed Washability Product • Run of Mine Beneficiation • Wash Grid creation • Washability Product Resource reporting
Prerequisites	Before taking this course, you require the following: • Knowledge of Windows ® Operating Systems • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel® • GEOVIA Minex™ for Geologists workshop
Available Online	No

Minex for 3D Fault Modeling	
Course Code	N/A
Available	2016
Duration	2 days / 16 Hours
Course Material	English
Level	Intermediate to Advanced
Audience	Geologists
Description	It covers the basic requirements and setup steps with practical examples and demonstration datasets required to create a detailed faulted geological model of a deposit.
Objectives	Upon completion of this course, you will be able to accomplish the following: • Digitize 2D and 3D fault strings • Create 2D “No-Throw”, 2D “With-Throw” and 3D • Fault models • Use borehole seam data to create a 2D faulted • model • Select Geometry data when generating grids • (single/Multi seam – Multi Variable) • Select 3D Faults for 3D Fault Gridding • Edit 3D fault strings • Generate 3D fault blocks • “UnFault” borehole database • Create “UnFaulted” seam grids • “Refault” Seam grids • Create seam cross sections showing faulted model
Prerequisites	Before taking this course, you require the following: • Knowledge of Windows ® Operating Systems • Knowledge of file management • Knowledge of ASCII format files and Microsoft® Excel® • GEOVIA Minex™ for Geologists workshop
Available Online	No

Minex for Underground Engineers	
Course Code	N/A
Available	2016
Duration	5 days / 40 Hours
Course Material	English
Level	Foundation
Audience	Underground Engineers
Description	This course will enable the user to understand the basic concepts of Minex and to utilise the Underground Engineering module's design features.
Objectives	Upon completion of this course, you will be able to accomplish the following: • Installation • Use Minex interface and associated tools • In-depth understanding of the Minex data types and concepts • Import and export data • Seam cross sectioning • Manipulation and creation of grids • Plotting techniques • Project set up and maintenance • View 3D graphical environment • Create plans and sections • Volume calculations There are several more outcomes that will be achieved and will be explained further upon enquiry.
Prerequisites	Before taking this course, you require the following: • Knowledge of Windows ® Operating Systems • Knowledge of ASCII format files and Microsoft® Excel® • Previous exposure to underground mining industry
Available Online	No

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