

# GEOVIA WHITTLE

## Course Catalog

### EMENA

Europe, Middle East and North Africa



**3DEXPERIENCE**®

## 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.

## CLASSROOM TRAINING IN UK

Our Classroom Training courses are conducted at Dassault Systèmes UK Head Office in Coventry.

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 you are interested in is being run, please email us at [GEOVIA.EU.training@3ds.com](mailto:GEOVIA.EU.training@3ds.com) or call +44 (0) 2476 857 400 and ask for GEOVIA Training.

## ONSITE – CUSTOMISED TRAINING

We are often asked to conduct training onsite for many of our clients - where 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

As well as training services, Dassault Systèmes can help your mining operation with a full range of geology, engineering, planning and operational support services. For more information, please [click here to visit our Services information page](#).

## CONTACT US

For all **TRAINING ENQUIRIES**

Email: [GEOVIA.EU.Training@3ds.com](mailto:GEOVIA.EU.Training@3ds.com)

Tel: +44 (0) 2476 857 400 and ask for GEOVIA Training

For all **SERVICES ENQUIRIES**

Email: [GEOVIA.EU.Services@3ds.com](mailto:GEOVIA.EU.Services@3ds.com)

Tel: +44 (0) 2476 857 400 and ask for the GEOVIA Services Team

Whittle Foundation	
Course Code	N/A
Available	On-site or UK Classroom on demand
Duration	3 days
Course Material	English
Level	Fundamental
Audience	Designed for new users of Whittle.
Description	The course provides a basic understanding of pit optimization and strategic mine planning principles as well as their practical application using Whittle software.
Objectives	<p>Upon completion of this course, you will be able to accomplish the following:</p> <ul style="list-style-type: none"> <li>• Understand the main principles of pit optimisation and strategic mine planning</li> <li>• Import block model files and produce optimised pit shells</li> <li>• Produce basic life of mine (LOM) schedules using manual and automatic scheduling tools</li> <li>• Apply spatial and economic constraints to evaluate alternative what-if scenarios</li> </ul>
Prerequisites	<p>Before taking this course, you require the following:</p> <ul style="list-style-type: none"> <li>• Knowledge of file management</li> <li>• Understanding of ASCII format files and Microsoft® Excel®</li> <li>• Good knowledge of block modelling concepts and functionality in GEOVIA Surpac™, GEOVIA GEMS™ or another mine planning package</li> <li>• Exposure to surface mining practices and terminology</li> </ul>

Whittle Advanced Strategic Planning	
Course Code	N/A
Available	On-site or UK Classroom on demand
Duration	3 days
Course Material	English
Level	Advanced
Audience	Designed for experienced users of Whittle who want to take their knowledge to the next level.
Description	The course will focus on the advanced scheduling techniques available in Whittle that can add further value to your project. Structured in a workshop format, it features lots of hands-on training using the software to solve real-world mine planning problems. There will be opportunities to network and interact with our experts and your peers to discuss helpful tips and techniques to use in your projects.
Objectives	<p>Upon completion of this course, you will be able to accomplish the following:</p> <ul style="list-style-type: none"> <li>• Create realistic schedules honouring practical mining constraints and limits</li> <li>• Improve the value of mining projects through strategic scheduling</li> <li>• Use Whittle to determine when and where it is best to transition from an open pit to an underground mine</li> <li>• Use Mineral Resource classification and/or NSR attributes</li> <li>• Define cut-off grade and stockpile strategies to enhance the value of the project</li> <li>• Reduce the effects of deleterious elements on processing using pre-process blending</li> <li>• Use blending techniques to reduce the amount of sub-grade ore that is not processed</li> </ul>
Prerequisites	<p>Before taking this course, you require the following:</p> <ul style="list-style-type: none"> <li>• Knowledge of file management</li> <li>• Knowledge of ASCII format files and Microsoft® Excel®</li> <li>• Knowledge of block modelling functionality in GEOVIA Surpac, GEMS or another mine planning package.</li> <li>• Solid understanding of Whittle basic concepts and functionality including:             <ol style="list-style-type: none"> <li>a. Importing block models</li> <li>b. Creating slope sets</li> <li>c. Theory and practical application of using costs, prices, and limits in Whittle</li> <li>d. Creating multiple final pit and pushback options using revenue factors to vary price</li> </ol> </li> </ul>

