

## 2009 Training Course Calendar

### **VULCAN BASICS AND PLOTTING**

Our introductory course is designed to familiarize users with the features and techniques used within Vulcan. Participants will learn:

- How to navigate the user interface and customize the viewing environment
- How to install and upgrade software
- Data structure and management and design databases
- Vulcan viewing tools
- Computer-aided design (CAD) tools
- Drill hole databases
- Basic triangulation modeling and plotting

The Plotting Workshop covers:

- The creation of plot templates and symbols
- Multiple examples of plan and section plots

January 13-16  
February 10-13  
March 10-13  
April 14-17  
May 12-15  
June 9-12

July 14-17  
August 11-14  
September 8-11  
October 13-16  
November 10-13  
December 8-11

*Course Fee: \$2,050*

### **VULCAN BLOCK MODELING**

Learn how to:

- Create, view and manipulate a block model
- Perform inverse distance grade estimation
- Evaluate different methods of resource reporting

January 20-22  
April 21-23

July 21-23  
October 20-22

*Course Fee: \$1,500*

### **VULCAN OP DESIGN AND DRILL & BLAST**

Learn how to:

- Create and modify open pits, leach pads, dumps, and stockpiles
- Create ramps and roads
- Manipulate triangulations
- Work with Rapid Phase and Advanced Phase design and reserving

Drill & Blast covers:

- Design and editing of blast hole layouts
- Labeling and reporting of layouts
- Explosives loading and reporting on the final designs

February 17-20  
May 19-22

August 18-21  
November 17-20

*Course Fee: \$2,050*

### **VULCAN UG DESIGN AND RING DESIGN**

Learn how to:

- Create drifts, cross-cuts, ramps, and stopes. You will be given geological data and objectives and must create a concept for an underground mine.
- Design and model ramps, cross cuts, raises and shafts and label and dimension development for level plans to be plotted.

- Run volumes and reserves of the underground features for reports.

March 17-19  
June 16-18

September 15-17  
December 15-17

*Course Fee: \$1,500*

**To register, call 303-763-4919 or email [support@maptek.com](mailto:support@maptek.com).**