COURSE OUTLINE

PURPOSE

TThe purpose of this course is to provide a practical exposure to Vulcan software for engineers.

HOW WE DO IT

The course steps the participant through a real open cut coal design example with commonly used commands to improve workflow efficiency.

WHAT YOU LEARN

At the end of the course, participants will have successfully designed a typical open cut coal pit, designed a ramp, created surfaces, determined volumes by block and strip and exported a data/plot design. Participants will also be familiar with GridCalc, Batvol and Lava tools.

DAY 1

- **Module 1** - Introduction to Vulcan CAD/Project files, licence server, dynamic array settings, dg1 settings, file types, use of help
- **Module 2** - String manipulation, layer management, working in a network environment, set view,cross-sections
- **Module 3** - Projecting, Translating, Offsetting, Registering, Polygon generation, Labelling, Gradients

DAY 2

- **Module 4** - Creating Surfaces, Solids, Solids Boolean, Cut/Fill Volumes, Ramp design
- **Module 5** - Plotting, Contouring, Grid Calc, ireg file creation, importing xyz data

DAY 3

- **Module 6** -Benching and Batters and Batvol
- **Module 7** -Use of Tshell, lava techniques

LOCATIONS

- Brisbane
- Townsville
- Mackay
- Newcastle
- Perth
- Onsite training available on request.

TRUSTED EXPERTISE. PROVEN OUTCOMES.