



COURSE OUTLINE

PURPOSE

The purpose of this course is to provide a practical exposure to dragline planning for engineers.

HOW WE DO IT

The course steps the participant sequentially through the dragline planning stages by completing a fully worked practical example.

WHAT YOU LEARN

At the end of the course, participants will have successfully completed the major aspects of a dragline plan including Concept Planning, Reserves and Spoil Balance, Dragline Sections and 3D-Dig.

DAY 1

- ▣ **Module 1** - Introduction to Dragline Methodology
- ▣ **Module 2** - Geological Influence on Dragline Design including Geotech and Safety
- ▣ **Module 3** - Dragline Reserving and Spoil Balance

DAY 2

- ▣ **Module 4** - Dragline Sectional Analysis
- ▣ **Module 5** - Concept Planning for Operations

DAY 3

- ▣ **Module 6** - Dragline 3D-Dig Simulation:
 - Introduction to 3D-Dig
 - Importing surfaces and features into 3D-Dig
 - Creating logs in 3D-Dig
 - Equipment set-up in 3D-Dig
 - Dragline Simulation
 - Exporting scheduling volumes
 - 3D-Dig Design Outputs

LOCATIONS

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

TRUSTED EXPERTISE. PROVEN OUTCOMES.