



## COURSE OUTLINE

### PURPOSE

The purpose of this course is to provide mining engineers with the knowledge to create medium term pit designs taking into consideration the effects different scenarios have on productivity, efficiency and cost.

### HOW WE DO IT

The course is run in a classroom style format, with example presentations followed by real world workshop examples.

### WHAT YOU LEARN

At the end of the course, participants will have learned how to optimise dragline horizons, accurately estimate dragline rehandle percentages, create truck and shovel pit shells, dumps, ramps and haul routes to optimise the operation based on the current drivers of quality and cost.

### DAY 1

- ▣ Introduction and overview
- ▣ Selecting dragline method
- ▣ Selecting ramp type and location
- ▣ Setting the Dragline Horizon

### DAY 2

- ▣ Dragline reserves overview
- ▣ Generate Dragline Prime and Coal Reserves
- ▣ Dragline Sectional Analysis

### DAY 3

- ▣ Dragline Sectional Analysis
- ▣ Prestrip Design Introduction

### DAY 4

- ▣ Prestrip Planning
- ▣ Prestrip haul route minimisation
- ▣ Prestrip Design

### DAY 5

- ▣ Prestrip Design continued
- ▣ Requests or questions

### LOCATIONS

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

## TRUSTED EXPERTISE. PROVEN OUTCOMES.