

XPAC 7-AUTOSCHEDULER OC COAL

SOFTWARE TRAINING COURSE

PURPOSE

The aim of this course is to familiarise the user with XPAC's AutoScheduler and its application in an open-cut coal mining situation. Participants will be introduced to the toolset that forms the basis of AutoScheduler thus enabling them to perform rule-based mine scheduling.

WHO SHOULD ATTEND?

This course is recommended for mining professionals involved in mid to long term planning who would like to use rule-based scheduling. Participants typically include technical services personnel such as Mine Planners, Senior Engineers and Mine Scheduling Engineers working in open-cut coal mines.

PRE-REQUISITE SKILLS

Participants are required to be computer literate. They must also have completed the Runge **XPAC 7 Standard** training course for open-cut coal, or have equivalent knowledge and experience.

DURATION

1 Day

DATES & LOCATION

This course is delivered on request at the client site or in one of Runge's International Offices.

LEARNING OUTCOMES

At the completion of this course participants should be able to:

- Create dependencies, constraints and objectives
- Set up a schedule with AutoScheduler resources
- Visualise the results

DELIVERY METHOD

Courses are delivered in a classroom environment with an emphasis on participant involvement through practical workshops.

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COURSE CONTENT

Module 1: Introduction

- Introduction to AutoScheduler
- Advantages and Disadvantages
- Advanced Path Scheduling

Module 2: Dependency rules

- Types of dependencies
- Visualising dependencies
- Auditing dependencies

Module 3: Constraints

- Types of Constraints

Module 4: Scheduling

- Objectives
- Triggers
- Running a schedule
- Viewing results
- Reporting