

XPAC 7 (Steeply Dipping Coal)

COURSE CONTENT

Standard

Core functionality including databases, importing data, basic scripting, graphic setup, schedule configuration, and reporting.

AutoScheduler (AS)

Dependencies, constraints, objectives, and triggers for material extraction.

Advanced Destination Scheduler (ADS)

Dependencies, constraints, objectives, and triggers for material dumping.

Overview

This course teaches participants how to take a disciplined approach to mine scheduling using RPM's XPAC 7 software. The course teaches students the core functionality of the product through pre-configured workshops that are designed around real life scenarios.

Learning Outcomes

- Learn how to navigate around the software.
- Know how to access product help documentation.
- Understand how to setup XPAC databases.
- Learn how to import and manipulate data with scripts (XCMs).
- Understand how to create polygon graphics.
- Know how to create input path schedules.
- Learn how to configure an AutoScheduler model and run a schedule (AS/ADS).
- Know how to configure stockpiles (AS/ADS).
- Understand how to create schedule dependencies, constraints & objectives (AS/ADS).
- Learn how to import dumps and schedule destinations (ADS).
- Know how to visualise and report schedule outputs.

Who is the Course For?

- Mine Scheduling / Planning Engineers
- Mine Planning Managers / Superintendents
- Senior Operations Personnel
- System Administrators

Delivery Mode

Classroom

Duration

Standard - 3 Days

AutoScheduler - 1 Day

Advanced Destination Scheduler - 1 Day

Want to Learn More?

Contact training@rpmglobal.com



Training Workshops

Standard

- Creating a New Database
- Building the Database Structure
- Establishing the Datafields
- Importing Data into XPAC
- Spatial Data
- Creating and Using Database Ranges
- Storing Parameters in XPAC
- Writing Simple XCMs
- Other Tools
- Establishing a Scheduling Calendar
- Target Scheduling
- Target Scheduling Report
- Detailed Scheduling
- Scheduling Resources
- Creating Input Paths
- Schedule Analysis
- Detailed Schedule Reporting

AutoScheduler

- Setting up and Running an Advanced Path Schedule
- Absolute Address Dependencies
- Auditing Dependencies
- Relative Address Dependencies
- Script Dependencies
- Capacity Constraints
- Period Constraints
- Set Up a Schedule
- Assign Objectives to Resources
- User Processing Scripts or Triggers
- Run Schedule and View Results

Advanced Destination Scheduler

- Defining the Hierarchy of the Dumps Database
- Importing Dump Records
- Populating Destination Data in Main Database
- Configuring Dump Dependencies
- Destination Capacity Constraints
- Configuring Dumps in a Scenario
- Destination Parameters Databases
- Resource Destinations using Paths
- Resource Destinations using Advanced Destination Scheduling
- User Processing Scripts or Triggers
- Run Schedule & View Results