



# XPAC 7 (Open Cut 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](mailto:training@rpmglobal.com)

# Training Workshops

## Standard

- Creating a New Database
- Building the Database Structure
- Establishing the Datafields
- Importing Data into XPAC
- Creating and Using Database Ranges
- Printing and Displaying Data
- Viewing a Simple XCM
- Other Repositories in XPAC
- Spatial Data
- Other Tools
- Establishing a Schedule Calendar
- Target Scheduling
- Target Schedule Reporting
- Detailed Schedule Setup
- Schedule Resources
- Creating Input Paths
- Running a Schedule
- Schedule Report
- Analysis Reporting
- Importing 3D Solids

## AutoScheduler

- Advanced Equipment Scheduling
- Absolute Address Dependencies
- Auditing Dependencies
- Relative Address Dependencies
- Script Dependencies
- Capacity Constraints
- Period Constraints
- Scheduling
- Assign Objectives to Resources
- User Processing Scripts / Triggers
- Run Schedule & View Results

## Advanced Destination Scheduler

- Building Destinations in XPAC's Main Database
- Dumps & Dependencies
- Destinations & Constraints
- Schedule Configuration with Dependencies
- Running Destination Schedules