

# XPAC 7 (Open Pit Metals)

## 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
- Establishing the Datafields
- Importing Data into XPAC
- Graphics - Spatial Data Plots
- Writing XCMs
- Creating & Using Ranges
- Data Validation Tools
- Other Tools
- Target Schedule Setup
- The Components of a Schedule Setup
- Target Resource Setup
- Resource Input Path
- Schedule Output
- Scheduling Multiple Activities
- Creating a Detailed Calendar
- Setting Up a New Scenario
- Production Resource Setup
- Detailed Scheduling
- MOQ, Preschedule, and Stage Plans
- Schedule Results
- Dumps in XPAC
- Haulage Configuration

## AutoScheduler

- Setting Up Resources for AutoScheduler
- Creating Resource Objectives
- Configuring Stockpiles
- Creating Dependencies Manually
- Auditing Dependencies
- Creating Dependencies Graphically
- Defining the Mining Direction on Bench
- Defining the Blocks Above Rule
- Defining the Working Bench Rule
- Period Constraints
- Capacity Constraints

## Advanced Destination Scheduler

- Setting Up Dumps For AutoScheduler
- Dump Dependencies
- Dump Constraints
- Advanced Scripted Reports

## Additional Workshops

- Creating & Viewing Fields
- Database Reports
- Range Capacity Constraints
- Look Ahead Objectives