

## Tempo Training Course Outline

<b>Course Title:</b>	Tempo Basic
<b>Course Type:</b>	Face to Face Training with Hands-On Activities
<b>Duration:</b>	2 days, 9am – 5pm
<b>Course Overview:</b>	This course provides basic training in the modelling techniques and operation of the Tempo software for mine schedule optimization with focus on hands-on activities.
<b>Course Outcomes:</b>	<p>At the completion of this course, participants will be able to:</p> <ul style="list-style-type: none"> <li>• Understand the basic concept of Tempo software</li> <li>• Set up a schedule model</li> <li>• Import input data (reserves, mining polygons, trucking data)</li> <li>• Prepare for schedule optimization through setting up constraints and a financial model</li> <li>• Optimize schedules and analyse results through reporting</li> <li>• Publish schedules for sharing via web-based reporting</li> <li>• Optimize short-term schedules aligned with long-term schedules</li> <li>• Generate spatial alignment reports</li> </ul>
<b>Course Topics:</b>	<ul style="list-style-type: none"> <li>• Tempo Scheduling Background</li> <li>• Modelling Concepts</li> <li>• Tempo Introduction</li> <li>• Setting up a Tempo project - Defining Locations, Material Types, Attributes and Material Transport Paths</li> <li>• Importing inventory and visual data</li> <li>• Generating precedences</li> <li>• Defining Constraints</li> <li>• Defining Financial Model</li> <li>• Optimizing transfers</li> <li>• Reporting</li> <li>• Defining resources, rates and availability</li> <li>• Optimizing with resources</li> <li>• Stockpiling</li> <li>• Publishing results to collaboration</li> <li>• Viewing published results</li> <li>• Comparing and aligning schedules</li> </ul>
<b>Pre-Requisites:</b>	<ul style="list-style-type: none"> <li>• Familiarity with Windows operating system and general mining software package</li> <li>• Experience in mine scheduling</li> <li>• Basic knowledge of mathematics (systems of linear equations)</li> </ul>

**Tempo Basic – Additional Information**

<b>Training Venue:</b>	<p><b>Perth, Australia Office:</b></p> <p>Level 3, 182 St Georges Terrace, Perth, WA 6000, AUSTRALIA</p> <p>Hotel Accommodation: <a href="#">Rydges</a>, <a href="#">Holiday Inn</a></p> <p>Parking: No parking in the building. Refer to public car park facilities for inner-city parking. A great variety of public transportation nearby.</p>
	<p><b>Denver, USA Office:</b></p> <p>9137 S. Ridgeline Boulevard , Suite 140, Highlands Ranch , CO, USA</p> <p>Hotel Accommodation: <a href="#">Hampton Inn &amp; Suites</a>, <a href="#">Hilton Garden Inn</a></p>
<b>Meals:</b>	<p>Morning tea, lunchtime and afternoon tea will be provided.</p> <p>Special dietary requirements can be accommodated upon your request.</p>
<b>Hardware and software:</b>	<p>Training laptops will be provided. Participants can bring and operate their own laptops upon request.</p> <p><b>Min PC Requirements:</b> Microsoft Windows operating systems using .NET Framework 4 (Windows Vista SP2 to Windows 8), 4 GB of RAM, 2.5 GB if .NET Framework 4 not pre-installed, 500 MB otherwise.</p> <p>Minemax training software and training data for hands-on exercises will be provided.</p> <p>Use of own data is excluded to ensure confidentiality.</p>
<b>Training resources:</b>	<p>Training slides, training manual, Hands-on exercises, Tempo software</p>

**Contact [jan.scott@minemax.com](mailto:jan.scott@minemax.com) for bookings and special requirements.**

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