

Simulation integrates business domain knowledge with advanced analytical techniques to model real world events, to maximize business processes and decision effectiveness.



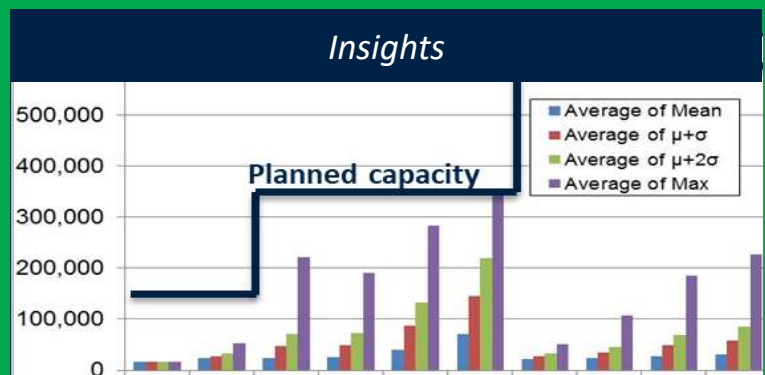
Are you new to Modeling and Simulation?

Are you an Experienced modeling user looking to advance your skills?

Are you interested in learning the capabilities of Modeling and Simulation?

Then this is the Course for you!

Simio is a market leading, 4th generation simulation product that utilizes flexible object design and allows for scheduling risk analysis. Simio® object design eliminates text based coding for building models and planners can predict the risk in their detailed systems.



MOSIMTEC's experienced team brings real-world lessons learned from our consulting engagements to help you build Modeling and Simulation knowledge from the ground up. We share best practices, identify pitfalls and help clients fast-track solutions for their areas of focus.

4-day course content

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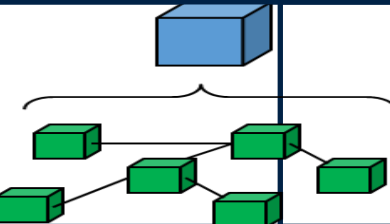
Day 1

Introduction to Simulation & Simio®

We provide an overview of simulation technology, its appropriate uses, benefits, pitfalls and typical results. It is highly recommended to include upper management in this portion of the course. This allows everyone to understand the technology & its potential, and set realistic expectations.



Day 2

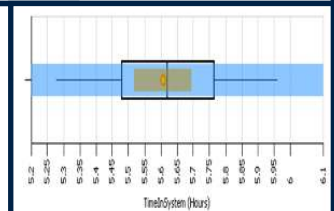


Simio® Modeling framework and Fixed & Dynamic Objects

We discuss the key aspects and building blocks of the Simio® Architecture, as well as a framework for understanding objects. We also use examples to illustrate a complete simulation project from inception to delivery.

Working with Model Data & Interpreting Simulation Results

Here, we concentrate on technical content, covering both Simio® and general simulation skills. Note that each topic builds on the previous sessions. Learn about data tables and connecting to external data sources. Run experiments to



Day 3

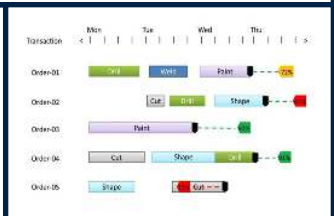


Extending Model Logic with Processes & Building Object Definitions

Unleash the power of Processes in Simio® that allow you to extend the logic of your model without writing code. Simio's® proprietary 4th generation drag-drop 'Steps' speed up mapping of business processes and reduce development

Planning & Scheduling Overview

In this section we will address how to account for variability in simulation models. Mastering this is critical, you will be able to set accurate and realistic production-based goals.



Day 4



Analyzing Input Data & Running Successful Projects

The quality of your results depend on the quality of input data. We teach you how to analyze input data and introduce stochastic-thinking while designing your models.

Advanced topics & Real-world examples

This is a fantastic opportunity to start applying what has been learned and get professional assistance in getting your initial projects off to a good start. Discuss model performance, distributed development and data visualization.



MOSIMTEC provides Simio® Simulation consulting. As a Simio® Partner and Training Provider, we also provide both Custom On-Site Training and Mentoring Programs for organizations developing in-house capabilities.

MOSIMTEC
future proof your business