

Essentials Training for ExtendSim & Modeling Techniques One-On-One

QMT GROUP

Providers of Training & Coaching

Our job is to make sure you get it!

LEARN HOW TO...

- Build and run ExtendSim simulation models
- Model processing, batching & unbatching, and routing
- Create and use item properties
- Manage model data
- Use animation effectively
- Model resources and resource schedules
- Create simple user interfaces
- Improve the readability and usability of models
- Interpret model results
- Debug effectively

... ON YOUR PROJECT!

ON-SITE DELIVERY

Our corporate trainers will work with you in creating a customized solution to assist you in achieving the goals and objectives of your organization. Contact us for a quote. This can be scheduled at your convenience.

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This custom 2-4 day hands-on workshop covers the basics of discrete event simulation modeling using ExtendSim while applying it to your simulation project. The topics covered builds upon what the participant already knows. The workshop is a working session where the student and the instructor/coach work together in building new model constructs and improving, debugging, and validating existing participants model constructs. By the end of the class, the student will not only learn many new things but also will have enhanced their model significantly.

Essentials Training for ExtendSim *Applied to Your Project* (3 days)

Students will build, run, and analyze a model on Day 1. On subsequent days, they will explore additional ExtendSim modeling components and features. Topics include:

- Understanding fundamental simulation concepts
- The basic item and value handling blocks
- Working with item properties, such as attributes and priorities
- Creating, editing, and accessing an ExtendSim database
- Routing, batching, & unbatching items
- Presentation features including hierarchy, cloning, and 2D animation
- Using and scheduling resources
- Working with Equation blocks
- Advanced processing and queuing concepts

Modeling Techniques *Applied to Your Project* (2 days)

This module takes the concepts learned in the Basic Training module and applies them to a process you are familiar with, your own process. The students will spend time building the model from the ground up. This gives the students time to reflect upon and apply the concepts they have just learned while being coached by the instructor. The students then learn and apply more advanced concepts to the model to understand appropriate analysis techniques. Topics include:

- Expanded work on building models *using your project*
- Applying optimization in ExtendSim
- Understanding basic simulation statistics
- Learning validation and verification techniques
- Data management and exchange with an ExtendSim database
- Debugging and trouble-shooting

Who Should Attend

This course is designed for Engineers, Managers, System Analyst, and anyone else who wants to learn simulation modeling and/or get up to speed quickly with ExtendSim. It is appropriate both for those who are new to ExtendSim 7 and for beginning / intermediate simulation modelers.

Materials are provided by and authorized by Imagine That Inc.

Essentials Training for ExtendSim Manual
Modeling Techniques for ExtendSim Manual
ExtendSim User Guide

