

# ESSENTIAL TRAINING FOR EXTENDSIM



## LEARN HOW TO...

- Build and run ExtendSim simulation models
- Simulate processing, batching/unbatching, and routing
- Create and use item properties
- Manage model data
- Use animation effectively
- Model and schedule resources
- Create user interfaces
- Improve the readability and usability of models

## PUBLIC TRAINING

In 2012, Essential Training classes will be held:

March 12 - 14	Washington, DC
May 7 - 9	Las Vegas, NV
August 13 - 15	Washington, DC
November 5 to 7	Phoenix, AZ

Cost: \$1600 per student

Register at [www.ExtendSimTraining.com](http://www.ExtendSimTraining.com)

## ON-SITE TRAINING

Privately held on-site classes can be scheduled in your facility and at your convenience.

For a class of up to 5 students, the cost is \$5500 plus instructor travel expenses (quoted on a Not To Exceed basis). Additional students are \$400 each, up to a maximum of 10 students.

Contact Imagine That Inc for quote and availability.

**Imagine That Inc.**  
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Learn how to build simulation models using ExtendSim. This 3 day hands-on workshop covers the basics of discrete event simulation.

## ESSENTIAL TRAINING FOR EXTENDSIM

Students will build, run, and analyze a model on Day 1. Days 2 and 3 are spent exploring additional ExtendSim modeling components and features.

Topics include:

- Understanding fundamental simulation concepts
- The basic item handling blocks
- Using key value handling blocks
- Working with item properties, such as attributes and priorities
- Routing items
- Batching & unbatching items
- Presentation features including hierarchy, cloning, and 2D animation
- Resource Management using the Resource Pool and Resource Item methods
- Working with Equation blocks
- Creating, editing, and accessing an ExtendSim database

For expanded work on model building, consider Essential Training + Modeling Techniques for ExtendSim. With that course, two days are added to the Essential Training course so students can apply the concepts they have just learned in a class project. They build a model from the ground up giving them time to reflect upon and apply concepts while being coached by the instructor. The students then learn and apply more advanced concepts such as appropriate analysis techniques.

Cost is \$2500 for the 5 day Essential Training + Modeling Techniques course. Register at [www.ExtendSimTraining.com](http://www.ExtendSimTraining.com).

## WHO SHOULD ATTEND

Essential Training for ExtendSim is designed for those who are new to ExtendSim or new to simulation modeling. The focus is on discrete event modeling, but the class is also essential for new rate-based modelers.

## PREREQUISITES

Basic computer skills. Knowledge of basic statistics (random distributions and confidence intervals) recommended.

## MATERIALS PROVIDED

- Laptop computer for each student's use
- Course manual with case studies
- ExtendSim User Guide & Addendum
- Solution files for all exercises

*Imagine That!*