

JTLS 050 - Military Simulation Basics

ROLANDS & ASSOCIATES Corporation

Date/Time	Topic
Monday	
0900 - 1000	Introductions
1000 - 1100	Definitions and Categorizing Simulation Models
1100 - 1200	History of Simulation In The Military
1200 - 1300	Lunch
1300 - 1400	Use of Simulation At Various Levels of Warfare
1400 - 1500	Pseudo-Random Number Generation
1500 - 1600	Distribution Basics
Tuesday	
0900 - 1000	Using Simulation As An Analysis Tool
1000 - 1100	Steps in a Simulation Study
1100 - 1200	Obtaining Input Data
1200 - 1300	Lunch
1300 - 1400	Basic Statistics: Mean and Variance
1400 - 1500	Variance Reduction Techniques
1500 - 1600	Number of Runs Necessary
Wednesday	
0900 - 1000	Sample Analysis Model
1000 - 1100	Running and Reviewing Results
1100 - 1200	Using Simulation For Computer Aided Exercises (CAX)
1200 - 1300	Lunch
1300 - 1400	Master Scenario Event List (MSEL)
1400 - 1500	Introduction To JTLS
1500 - 1600	Hands On JTLS
Thursday	
0900 - 1000	Role of C4I Devices In CAX
1000 - 1100	Model Federations
1100 - 1200	What Is High Level Architecture

Date/Time	Topic
1200 - 1300	Lunch
1300 - 1400	Life Cycle Management of Simulations
1400 - 1500	Verification, Validation & Accreditation (VV&A)
1500 - 1600	Management of Changes
Friday	
0900 - 1000	Sample Design Document
1000 - 1100	JSIMs Failure Analysis
1100 - 1200	Final Questions