



AGENDA

COURSE LEVEL:

Advanced

COURSE PRICE:

\$1395 + applicable taxes

TARGETED ROLES:

Resource Managers
Program Managers
Project Managers

PRE-REQUISITES:

A working knowledge of windows

PROFESSIONAL DEVELOPMENT:

Earns 13 PDUs and 1.3 CEUs

LOCATIONS & DATES:

See our website for more information

emeraldassociates.com

PertMaster Project Risk – 2 Day Session

OVERVIEW

The PertMaster Tool enables Monte Carlo risk analysis to be applied to scheduling tools to create dramatically more realistic planning, more rational decision making, while enabling targeted management of high risk tasks. It runs in conjunction with many scheduling tools, including Primavera P3 and P3e. This course is aimed at those who wish to gain an in-depth understanding of the scheduling and risk analysis capabilities of PertMaster Project Risk and Risk Expert. The course provides "hands-on" exercises for advanced project scheduling, quantitative and qualitative risk modeling with PertMaster.

COURSE OUTLINE

Day 1

- Schedule risk analysis theory
- Using three-point estimates
- Using alternate distributions
- Running a quantitative risk analysis
- Understanding risk analysis results
- Probabilistic events
- Criticality, sensitivity and cruciality
- Producing P-schedules
- Interpreting the results
- Integrated cost and time risk analysis
- Integration with MS Project and/or Primavera
- An introduction to the Risk Register

Day 2

- Templated Quick Risk
- Advanced probabilistic event modeling and branching
- Measuring and defining correlation
- Probabilistic cash flow
- Iterations and convergence
- Advanced risk register:
- Advanced risk assessment (qualitative & quantitative)
- Targets & mitigation
- Audit trail
- Series impacts
- Cost/benefit analysis
- Importing/exporting
- Writing simple macros:
- Report and integration macros
- Conditional branching
- Using hammocks for management costs, penalties and revenues

p. 403.686.7100 CALGARY ■
780.466.7180 EDMONTON ■
905.361.2787 TORONTO ■

www.emerald-associates.com ■
emerald@emerald-associates.com ■

