

RiverWare Training: Simulation and Rulebased Simulation Class Agenda

October 21–25, 2024

All Times are MDT (Denver, Colorado)

Morning and afternoon breaks will be scheduled by the instructor.

Monday, 10/21/2024	
<i>8:30 a.m.</i>	Introductions
<i>8:45 a.m.</i>	Overview of RiverWare: Presentation
<i>10:00 a.m.</i>	Chapter 1. Running and Viewing a Model: Demonstration and hands-on tutorial
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 2. Building a Model: Demonstration and hands-on tutorial and exercises.
<i>3:00 p.m.</i>	Chapter 3. Simulation - How It Works: Presentation
<i>4:30 p.m.</i>	Chapter 2. Building a Model: Review exercises
<i>5:00 p.m.</i>	Adjourn

Tuesday, 10/22/2024	
<i>8:30 a.m.</i>	Chapter 4. Analyzing a Simulation Run (Part I): Hands-on tutorial and exercises
<i>10:00 a.m.</i>	Chapter 5. Building and Using a System Control Table (SCT): Demonstration and hands-on tutorial
<i>11:00 a.m.</i>	Chapter 6. Analyzing a Simulation Run (Part II): Hands-on tutorial
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 6. Analyzing a Simulation Run (Part II): Hands-on tutorial - Continued
<i>2:00 p.m.</i>	Chapter 7. Using Diagnostics to debug and understand the solution: Demonstration and hands-on tutorial
<i>3:00 p.m.</i>	Chapter 8. Data Management Interfaces (DMI): Presentation and hands-on tutorials
<i>4:00 p.m.</i>	Chapter 9. Output Management and Snapshots: Hands-on tutorial
<i>5:00 p.m.</i>	Adjourn

Wednesday, 10/23/2024	
<i>8:00 a.m.</i>	Chapter 10. Scripting: Presentation, demonstration, and hands-on tutorial
<i>9:15 a.m.</i>	Chapter 11. Multiple Run Management (MRM): Presentation, demo, and hands-on tutorial
<i>10:45 a.m.</i>	Chapter 12. Introduction to Rulebased Simulation: Presentation
<i>11:00 a.m.</i>	Chapter 12. Introduction to Rulebased Simulation: Tutorial
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 13/ How Rulebased Simulation Works: Presentation
<i>2:00 p.m.</i>	Chapter 14. Run and Analyze a Rulebased Simulation: Hands-on tutorial and exercises
<i>3:30 p.m.</i>	Chapter 14. Review exercise answers
<i>4:00 p.m.</i>	Chapter 15. Building a Ruleset: Getting Started with RPL- Presentation and hands-on tutorial
<i>5:00 p.m.</i>	Adjourn

Thursday 10/24, 2024

<i>8:30 a.m.</i>	Chapter 16. The Pieces of RPL: Presentation
<i>9:15 a.m.</i>	Chapter 16. Using RPL to Build Rules: Hands-on tutorial
<i>11:30 a.m.</i>	Chapter 16. Review exercise answers
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 17. Creating Basin Policy: Introduction to the exercise
<i>1:15 p.m.</i>	Chapter 17. Creating Basin Policy: Presentation and exercise
<i>5:00 p.m.</i>	Adjourn

Friday 10/25, 2024

<i>8:30 a.m.</i>	Chapter 18. Error Messages, Diagnostics and Debugging: Presentation and demo
<i>9:30 a.m.</i>	Chapter 17. Creating Basin Policy: Hands-on exercise implementing the ruleset
<i>11:30 a.m.</i>	Chapter 17. Creating Basin Policy: Review of the solution
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 18. Error Messages, Diagnostics and Debugging: Hands-on tutorial and debugging exercises
<i>3:30 p.m.</i>	Chapter 19. Documentation and Model Reports: Hands-on tutorial
	Chapter 20. Advanced Rules and RPL Topics: Hands-on tutorial
<i>5:00 p.m.</i>	Adjourn