

# RiverWare Training: Simulation and Rulebased Simulation Class Agenda

## October 21 - 25, 2024

All Times are MDT (Denver, Colorado)

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

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

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

Thursday 10/24, 2024	
8:30 a.m.	Chapter 16: The Pieces of RPL: Presentation
9:15 a.m.	Chapter 16: Using RPL to Build Rules: Hands-on tutorial
11:30 a.m.	Chapter 16: Review exercise answers
12:00 p.m.	Lunch
1:00 p.m.	Chapter 17: Creating Basin Policy: Introduction to the exercise
1:15 p.m.	Chapter 17: Creating Basin Policy: Presentation and exercise
5:00 p.m.	Adjourn

Friday 10/25, 2024	
8:30 a.m.	Chapter 18: Error Messages, Diagnostics and Debugging: Presentation and Demo
9:30 a.m.	Chapter 17: Creating Basin Policy: hands-on exercise implementing the ruleset
11:30 a.m.	Chapter 17: Creating Basin Policy: Review of the solution
12:00 p.m.	Lunch
1:00 p.m.	Chapter 18: Error Messages, Diagnostics and Debugging: Hands-on tutorial and debugging exercises
3:30 p.m.	Chapter 19: Documentation and Model Reports: Hands-on tutorial
	Chapter 20: Advanced Rules and RPL Topics: Hands-on tutorial
5:00 p.m.	Adjourn

Morning and afternoon breaks will be scheduled by the instructor.