

RiverWare Training: Accelerated Simulation and Rulebased Simulation Class Agenda

July 18–22, 2022

All Times are MDT (Denver, Colorado)

Monday	
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	
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	
8:30 a.m.	Chapter 10: Scripting: Presentation, demonstration, and hands-on tutorial
9:30 a.m.	Chapter 11: Multiple Run Management (MRM): Presentation, demo, and hands-on tutorial
10:30 a.m.	Chapter 12: Introduction to Rulebased Simulation: presentation
11:00 a.m.	Chapter 13: How Rulebased Simulation Works: presentation and exercises
12:00 p.m.	Lunch
1:00 p.m.	Chapter 13: Review exercises answers
1:30 p.m.	Chapter 14: Run and Analyze a Rulebased Simulation: Hands-on tutorial
3:30 p.m.	Chapter 15: Using RPL to Express Operating Policies and the Pieces of RPL: Presentation and hands-on tutorial
5:00 p.m.	Adjourn

Thursday	
<i>8:30 a.m.</i>	Chapter 15: The Pieces of RPL: Work on written exercises
<i>9:00 a.m.</i>	Chapter 15: The Pieces of RPL: Review written exercises
<i>9:30 a.m.</i>	Chapter 16: Building Rules (Part II): Putting It Together: Hands-on tutorial
<i>11:30 a.m.</i>	Chapter 17: Creating Basin Policy: Introduction to the exercise
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 17: Creating Basin Policy: Presentation and exercise
<i>5:00 p.m.</i>	Adjourn

Friday	
<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>11:00 a.m.</i>	Chapter 18: Error Messages, Diagnostics and Debugging: Hands-on tutorial and debugging exercises
<i>12:00 p.m.</i>	Lunch
<i>1:00 p.m.</i>	Chapter 18: Continued--- Hands-on tutorial and debugging exercises
<i>3:00 p.m.</i>	Chapter 19: Documentation and Model Reports: Exercises
	Chapter 20: Advanced Rules and RPL Topics: Hands-on tutorial
<i>5:00 p.m.</i>	Adjourn

Morning and afternoon breaks will be scheduled by the instructor.