### RiverWare Training: Simulation and Rulebased Simulation Class Agenda

**June 26 - 30, 2023**

All Times are MDT (Denver, Colorado)

#### Monday June 26, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m.</td>
<td>Introductions</td>
</tr>
<tr>
<td>8:45 a.m.</td>
<td>Overview of RiverWare: presentation</td>
</tr>
<tr>
<td>10:00 a.m.</td>
<td>Chapter 1. Running and Viewing a Model: Demonstration and hands-on tutorial</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Chapter 2. Building a Model: Demonstration and hands-on tutorial and exercises.</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Chapter 3. Simulation - How It Works: presentation</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Chapter 2. Building a Model: Review Exercises</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

#### Tuesday June 27, 2023

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

#### Wednesday June 28, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Chapter 10: Scripting: Presentation, demonstration, and hands-on tutorial</td>
</tr>
<tr>
<td>9:15 a.m.</td>
<td>Chapter 11: Multiple Run Management (MRM): Presentation, demo, and hands-on tutorial</td>
</tr>
<tr>
<td>10:30 a.m.</td>
<td>Chapter 12: Introduction to Rulebased Simulation: presentation</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Chapter 13: How Rulebased Simulation Works: presentation</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Chapter 14: Run and Analyze a Rulebased Simulation: Hands-on tutorial and exercises</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Chapter 14: Review exercise answers</td>
</tr>
<tr>
<td>3:30 p.m.</td>
<td>Chapter 15: Building a Ruleset: Getting Started with RPL: Presentation and hands-on tutorial</td>
</tr>
<tr>
<td>4:30 p.m.</td>
<td>Chapter 16: The Pieces of RPL: Presentation</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>
### Thursday June 29, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m.</td>
<td>Chapter 16: Using RPL to Build Rules: Hands-on tutorial</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Chapter 16: Review exercise answers</td>
</tr>
<tr>
<td>11:30 a.m.</td>
<td>Chapter 17: Creating Basin Policy: Introduction to the exercise</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Chapter 17: Creating Basin Policy: Presentation and exercise</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

### Friday June 30, 2023

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30 a.m.</td>
<td>Chapter 18: Error Messages, Diagnostics and Debugging: Presentation and Demo</td>
</tr>
<tr>
<td>9:30 a.m.</td>
<td>Chapter 17: Creating Basin Policy: hands-on exercise implementing the ruleset</td>
</tr>
<tr>
<td>11:00 a.m.</td>
<td>Chapter 18: Error Messages, Diagnostics and Debugging: Hands-on tutorial and debugging exercises</td>
</tr>
<tr>
<td>12:00 p.m.</td>
<td>Lunch</td>
</tr>
<tr>
<td>1:00 p.m.</td>
<td>Chapter 18: Continued--- Hands-on tutorial and debugging exercises</td>
</tr>
<tr>
<td>3:00 p.m.</td>
<td>Chapter 19: Documentation and Model Reports: Exercises</td>
</tr>
<tr>
<td></td>
<td>Chapter 20: Advanced Rules and RPL Topics: Hands-on tutorial</td>
</tr>
<tr>
<td>5:00 p.m.</td>
<td>Adjourn</td>
</tr>
</tbody>
</table>

Morning and afternoon breaks will be scheduled by the instructor.