

# Synchro Studio 10 Training Agenda

## Day 1

1. Course Introduction
2. Map View Inputs
  - 2.1. Building a Network
  - 2.2. Background Images
3. File Setup
4. Data Entry
  - 4.1. Lane Settings
  - 4.2. Volume Settings
  - 4.3. Timing Settings
  - 4.4. Phasing Settings
  - 4.5. Detector Settings
  - 4.6. Signing Settings
  - 4.7. Roundabout Settings
  - 4.8. Simulation Settings

## Day 2

5. Percentile Delay Analysis of Intersections
6. Program Reports
7. Optimization
  - 7.1. Intersection Optimization
  - 7.2. Network Optimization
8. Time-Space Diagram
9. Comprehensive Example Problem
10. File and Project Management
11. Advanced Optimization

## Day 3

12. Advanced Signal Phasing
  - 12.1. Advanced Coordination Topics
13. Percentile Delay Calculations
  - 13.1. Synchro Control Delay (Percentile Delay Method)
  - 13.2. Intersection Optimization
  - 13.3. Network Optimization
14. Database Access and UTDF
15. Synchro Integration with SimTraffic
16. 3D Viewer
17. Advanced SimTraffic Modeling
18. Calibrating SimTraffic