Synchro Studio Intermediate: (1 Day)

6.1 TIA
   6.1.1 Preparing for a TIA
   6.1.2 TripGen
   6.1.3 Trip Distribution
   6.1.4 Trip Assignment

6.2 HCM 2010
   6.2.1 Signalized Intersections
   6.2.2 Two-Way-Stop-Control (TWSC) Intersections
   6.2.3 All-Way-Stop-Control (AWSC) Intersections
   6.2.4 Roundabouts

6.3 Delay Methods Compared

6.4 File and Project Management

6.5 Details of Optimization
   6.5.1 Weighting Factors
   6.5.2 MOE Summary Table
   6.5.3 Coordinatability Factors and Zones
   6.5.4 Group Example

7 Synchro Studio Advanced: (1 Day)

7.1 Advanced Signal Phasing
   7.1.1 Advanced Signal Coordination Concepts

7.2 Percentile Delay Calculations
   7.2.1 Synchro Control Delay (Percentile Delay Method)
   7.2.2 Intersection Optimization
   7.2.3 Network Optimization

7.3 Time-Space Diagrams

7.4 Database Access and UTDF
   7.4.1 Combined Format
   7.4.2 Individual Format

7.5 Advanced Simulation Modeling

7.6 Calibrating SimTraffic