Develop skills for advanced Ring Barrier Controller and Vehicle Actuated Programming applications

SHORT DESCRIPTION
In our Vissim advanced course for signal control and vehicle actuated programming, you will gain an in-depth knowledge of the Ring Barrier Controller (RBC) and learn the fundamentals of Vehicle Actuated Programming (VAP). The RBC controller is the primary signal controller available in Vissim for modeling signal operations in North America. This course reviews the basic elements of the RBC controller with the focus on the many advanced timing features available. VAP is Vissim’s own programming language for defining custom signal operations and logic based routing and speed element changes. In this course we will cover the VAP functions, syntax, and practical applications.

CONTENTS
Day 1:
- Common traffic controller operations
- RBC graphical interface
- RBC free operation
- RBC semi-actuated coordination
- RBC volume density operations
- RBC queue detection
- Signal controller test mode
- Signal Control/Detector Record output
- VAP signal basics
- VAP dynamic routing
- VAP trace commands
- VAP controller communications
- Introduction to Visual VAP (ViVAP) program

PRICE
See specific event page and training policies for details.

DURATION
1 day

PDH CREDITS
7 hours

SOFTWARE REQUIREMENTS
(3) – V3 license level
(4) – V4 license level
(m) – Add-on module

TARGET GROUP
Traffic engineers and planners from the public or private sector who would like to carry out their Vissim projects efficiently and in compliance with the latest standards.

PREREQUISITES
Vissim Introduction course or basic working knowledge of Vissim. A basic understanding of signal timing concepts is helpful, but not required.