

Fall 2009
Blended Course
Offerings

Traffic Signal Timing
September 11 – October 24

This course provides an understanding of both the theory and practice of traffic signal timing and its impact on traffic operations. It gives an overview of the terms associated with signal timing; discusses the concepts of cycle length, split, offset, midblock friction, phase sequences, the signal timing process, and signal timing optimization; and looks at the types of actuated controllers, passage time, extension, and the coordination of actuated and pre-timed controllers

Principles and Tools for Road Weather Management
October 23 – December 5

This course provides transportation professionals in highway maintenance and/or highway operations with training to develop tools and strategies for addressing road weather problems. The course begins with an overview of the types of road weather problems and their associated costs, as well as basic meteorology for non-meteorologists. Through this course, participants are exposed to various strategies for addressing road weather problems, including Road Weather Information Systems (RWIS) and the development of crosscutting decision support systems to respond effectively to weather situations.

Don't Delay
Register Today

Cost \$250 each; \$400 for 2
Group Discounts Available

Earn 1.0 CEUs
Continuing Education Units

Managing High Technology Projects in Transportation
September 11 – October 24

This course describes the necessary steps for successful project completion, including planning, analysis, design, implementation, and testing. It also discusses procurement techniques, staffing requirements, cost estimation, and methods for project control.



Introduction to Systems Engineering
October 23 – December 5

This course presents system engineering tools and techniques, and covers all phases in the project life cycle from vision through development, design, operations, and maintenance.

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