

Offering Web-Based Advanced Transportation Courses

PARTNERS:

- > More than 100 Universities Worldwide
- > U.S. Department of Transportation Joint Program Office
- > ITS America
- > Institute of Transportation Engineers
- > I-95 Corridor Coalition
- > Center for Advanced Transportation Technology at the University of Maryland



The Consortium for ITS Training and Education (CITE) is a unique organization of university and industry partners focused on providing comprehensive advanced transportation training and education. CITE has developed interactive web-based courses in advanced transportation for current professionals and college students. Training courses for continuing education units (CEU's) from the University of Maryland are available directly through CITE. College level for-credit courses developed by CITE are offered through CITE's University Partners.

What is an Interactive Web-based Course?

Web-based training is a form of distance learning. This approach eliminates the cost and inconvenience of attending a course away from the office. Instead, CITE's courses have been designed to be accessible 24 hours a day, 7 days a week.

Web-based training courses have many benefits.

- > Flexibility. Students can take the courses any time, from home, from the office or even while away on travel. A computer and internet access are the only requirements.
- > Just-in-time delivery. New assignment at work? The course is there when you need it.
- > Interactivity. Courses include a stimulating mix of participatory activities such as self-study quizzes, drag-and-drop exercises, 'click-on' tasks and animations.

Traffic Signal Timing



What's New in ITS



www.citeconsortium.org

Certificate Programs

- > ITS Systems
- > Project Management
- > Traffic Engineering and Operations

Each certificate consists of three core courses and two electives that enable students to emphasize their specific interests and career choices. Students also have a choice between two bonus courses. All certificates are to be completed within one year of registration. These certificates are offered jointly by CITE and the ITS Professional Capacity Building (PCB) Program.

Individual Web-based Courses

CITE has a variety of interactive web-based courses available. All of the courses are available 24 hours a day, 7 days a week over the internet. CITE's current curriculum includes courses in the areas of:

- > Information Technology
- > Traffic Engineering
- > Project Management
- > Systems Engineering
- > ITS Technology

Blended Course Offerings

CITE is now offering a blended version of several of its regular web-based courses. A blended course is an exciting concept that combines the best features of both instructor-led and web-based instruction. These features include:

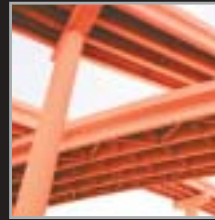
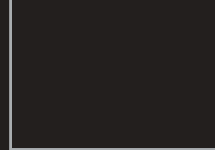
- > Live discussions with the instructor through the use of conference calls,
- > Convenient, flexible web-based learning,
- > A specific time schedule in which to complete the course, and
- > Interaction with other students through the use of class problems posted on a discussion board.

Full Semester Courses

CITE offers semester-long courses similar in schedule to a college course.

Spanish Courses

CITE is now offering some of its courses in Spanish. Please check the CITE web site for courses available.



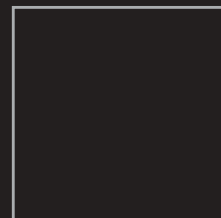
STUDENT COMMENTS

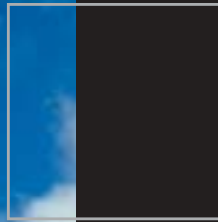
"I am very happy with the information that I received through the course. I wouldn't hesitate to take another course over the internet."

"This course was very comprehensive with respect to the content. I am very pleased with the wealth of reference information and links to web sites."

"What I liked most about the course was that I could do it at my own pace, whenever I wanted to. Loved the flexibility and lack of travel involved!"

www.citeconsortium.org





COURSES OFFERED

Advanced Signal Systems
Advanced Telecommunications Technology
Applied Systems Engineering for Advanced Transportation Projects
Commercial Vehicle Operations (CVC)
Corridor Management
Deploying ITS: Strategic Planning and Implementation
Dynamic Route Guidance and In-vehicle Systems
Electronic Payment Systems (EPS)
Incident and Emergency Management
Intermodalism
Interoperability: ITS System Architecture and Standards
Introduction to Information Technology
Introduction to Intelligent Transportation Systems
Introduction to Telecommunications Technology
ITS Applications in Transit Management and Operations
Signal Timing Concepts
Roles of Public & Private Sectors in ITS: Cooperative Partnerships
Rural ITS
The Tools of ATMS
Traffic Signal Timing
Traffic Flow Theory as Applied to ITS
Transportation Management
What's New in ITS

**Outlines and more
information on all of these
courses can be found at
<http://www.citeconsortium.org/>**

For more information, please contact:

Kathleen Frankle, Program Manager
Consortium for ITS Training and Education
Building #806, Suite 3103
University of Maryland
College Park, MD 20742-6011

Phone: 410-414-2925 / Fax: 301-403-4591 / E-mail: kfrankle@umd.edu