

**ON-LINE TRAINING:  
A CLASSROOM  
ALTERNATIVE**



**ITS Texas  
November 18, 2005  
College Station, Texas**



# WHAT IS CITE?

- Consortium for ITS Training and Education
- A unique consortium of over 100 university and industry partners
- Provide interactive web-based advanced transportation courses

## WHY WAS CITE FORMED ?

- For a successful career in ITS, a diverse background is needed:
  - Transportation Engineering
  - Computer Science
  - Systems Engineering
  - Business
- CITE has developed courses to address the diverse background necessary

## WHY WAS CITE FORMED, CON'T ?

- Not a large number of students in one location - spread worldwide
- Expensive to develop courses for small number of students
- Web-based courses can be accessed worldwide
- Courses available FREE to universities



# CITE'S AUDIENCE

- Graduate Students
  - Courses taken from University Partners
  - College credit given for completion
- Industry professionals
  - Courses taken directly through CITE
  - CEU's given for completion



# CITE'S PARTNERS

- 100 University Partners
  - United States - 75
  - International - 25
- 7 Industry Partners

## WHY WEB-BASED COURSES ?

- Flexible
  - Accessed 24/7 with computer and internet
  - No travel required
- Just-in-time delivery
- Interactive
- Small numbers of students in one location - spread out worldwide



# COURSES - TOPICS

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





# CITE'S OFFERINGS

- Certificate Programs
- Individual Web-based Courses
- Blended Courses
- Full Semester Courses
- Courses in Spanish



# CERTIFICATE PROGRAMS

- Available for:
  - Project Management
  - ITS Systems
  - Traffic Engineering and Operations
- Take 6 courses
  - 3 core, 2 electives, 1 bonus
- One year to complete



# SHORT COURSES

- 28 Courses available
- 3-12 hours in length
- No schedule
- Available anytime



# BLENDED COURSES

- Combine the best features of:
  - Instructor-led
  - Web-based courses



# BLENDDED COURSE FEATURES

- Live discussions with instructor through conference calls
- Convenient, flexible web-based course material
- Time schedule to complete course
- Interaction with other students through postings on discussion board



# Blended Courses Available

- Fundamentals of Database Mgmt
- Intro/Advanced Systems Engineering
- Intro/Advanced Telecommunications
- Project Management
- Traffic Signal Timing



# FULL SEMESTER COURSES

- Available in fall or spring semesters
- Made up of 11-12 short courses
- Specific time schedule for completion
- Cost effective



# CITE & PCB PARTNERSHIP

- Offering PCB's web-based courses
  - Blended and Stand-alone
- Joint Marketing of Web courses
- Conversion of existing classroom courses to web-based
- Maintenance/Updating of Courses





## PCB's WEB-BASED COURSES

- Managing High Technology Projects in Transportation
- Introduction to Systems Engineering
- Advanced Systems Engineering
- ITS Awareness
- Introduction to the National ITS Architecture (free)



# Project Management Certificate

- Core Courses
  - Managing High Tech Projects in Trans \*
  - Intro to Systems Engineering \*
  - Advanced Systems Engineering

\* Can substitute the classroom course given by NHI with copy of certificate of completion.



# UPCOMING COURSES

- Road Safety Audits - November 2005
- CVISN 102 - January 2006
- Improving Highway Safety with ITS -  
Summer 2006



# HOW CITE CAN BENEFIT YOU

- Take Existing Courses
- Modify an existing course for your organization
- Development of a new course



# SAMPLE COURSES

- SAMPLE COURSES ON CITE WEB SITE

[WWW.CITECONSORTIUM.ORG](http://WWW.CITECONSORTIUM.ORG)



# CONTACT INFORMATION

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