



CITE

The Consortium for ITS Training & Education

**CITE Brings ITS Training
to Spanish Speaking Students**



Presentation Outline

- What is CITE?
- Pilot of Spanish “Introduction to ITS” Course with the World Bank
- Lessons Learned from Pilot Course
- Future of CITE’s Spanish Course Offerings



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, cont.

- 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 Curriculum

- Courses are available in the areas of:
 - Information Technology
 - Traffic Engineering
 - Project Management
 - Systems Engineering
 - ITS Technology



CITE's Audience

- Current Professionals
 - CEU's granted for completion
 - Courses taken directly through CITE
- College Students
 - College credit given for completion
 - Course taken through University 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



CITE's Partners

- 95 University Partners
 - United States - 71
 - International - 24
- 8 Industry Partners



CITE's Offerings

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



Spanish Course Pilot

- CITE Teamed with World Bank Global Development Learning Network (GDLN)
- Offered Spanish version of “Introduction to ITS” in November 2002
- 160 students participated from four Latin American Countries



Student Participation

- 160 Students from:
 - Costa Rica
 - Ecuador
 - Mexico
 - Peru



Course Format

- Took place over 1 ½ weeks
- Three two-hour video-conferences
 - Web-based course material as homework between sessions
 - Students were able to ask questions on course material via satellite



Course Format, cont.

- Group Discussions at Local Level
 - Example: "Would ITS be Applicable to your country?"
 - Shared summary of their discussions with the other countries
 - Students were able to ask questions to other countries



A Blended Course

- Course was a “blend” of web-based and instructor-led courses
 - First time CITE presented a course in this manner
 - Students enjoyed the format
 - CITE wanted to try this “blended” format with other courses



Introduction to ITS Course a Success

- After 2nd Video conference students wanted information on future courses
- CITE surveyed countries to see what other courses would be of interest



Other Courses of Interest

- Introduction to Telecommunications Technology
- Transportation Management
- Incident & Emergency Management
- The Tools of ATMS
- Project Management
- Transit Management
- Electronic Payment Systems
- Signal Timing



Additional Offerings via World Bank?

- Possibly...
 - Pilot course done FREE by the University of Maryland
 - Additional courses need to cover costs
 - Countries can't pay enough to cover costs
 - Working to find other funding sources



Lessons Learned from Pilot

- “Blended” course format very successful
- There is a need for Spanish ITS courses
- CITE needs to outreach to Universities with Spanish speaking students
- Difficult offering a Spanish course with an English speaking instructor



Lessons Learned, cont.

- Translation issues for technical terms going from English to Spanish
- Video conferences need strong facilitators and a detailed script



Future of CITE's Spanish Courses

- Working to offer additional courses with the World Bank
- Released three Spanish courses this month
- Four more courses to be released by the end of 2004
- Add University Partners with Spanish speaking students



Course Access for University Partners

- FREE access to all CITE courses
- FREE Membership
- See web site or Membership Brochure for more information

www.citeconsortium.org



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