Online Systems Engineering Training

NRITS Conference
Session E3- Systems Engineering
September 4, 2008
Systems Engineering (SE)

- Need to know about how to apply and use it
- A SE approach is required for all federally funded ITS projects
CITE Offers SE Courses

- Intro to Systems Engineering
- Advanced Systems Engineering
- Managing High Technology Projects
WHAT IS CITE?

- Consortium for ITS Training and Education
- A unique consortium of over 100 university and industry partners
- Provide interactive on-line advanced transportation courses
WHY ON-LINE 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 SE OFFERINGS

- Certificate Program
- Independent Study Short Courses
- Blended Courses
CERTIFICATE PROGRAM: ITS Project Management

• Take 3 core courses
  - Intro & Advanced SE (same as NHI classroom)
  - Managing High Tech Projects
• Take 2 electives (your choice from list)
• Take 1 bonus course
• One year to complete
• Receive CEU’s from University of Maryland
• Cost: $625
INDEPENDENT STUDY
SHORT COURSES

• Available anytime
• 2 months to complete
• Courses:
  - Intro to Systems Engineering (8 hours)
  - Advanced Systems Engineering (10 hours)
  - Managing High Technology Projects (8 hours)
BLENDED COURSES

• Combine the best features of:
  - Instructor-led
  - On-line courses
BLENDED COURSE FEATURES

• Live discussions with instructor through conference calls
• Convenient, flexible on-line course material
• Time schedule to complete course
• Interaction with other students via workshop postings on discussion board
BLENDED COURSES AVAILABLE

- ITS Project Management - begins Sept 19th
- Introduction to Systems Engineering - begins mid October
SAMPLE COURSES & WEB SITE

WWW.CITECONSORTIUM.ORG
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