



Defense **LEADERSHIP** Summit

Defining the future of Civilian Leadership in the DoD

Learning Environments – Recipes for Success

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Why Is This Important?



The right interaction



The right RESULTS!

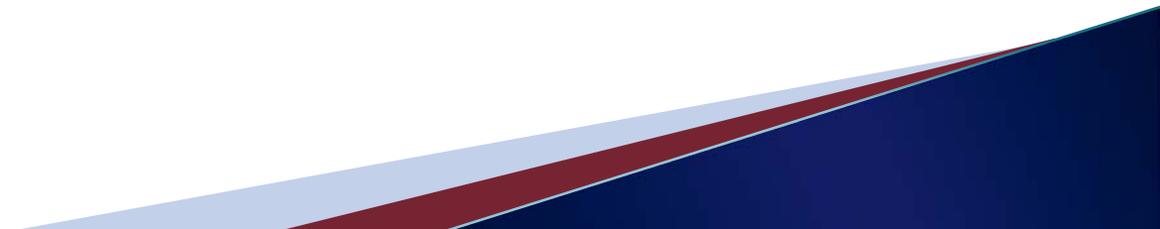


The right attitude



Do You Plan for a Learning Environment as Part of Design?

- a) Yes – Regularly
- b) Yes – Occasionally
- c) No – Never



Session Objectives

- Recognize the strategies for ensuring an effective learning environment for traditional and online learning
- Discuss lessons learned in two DoD agencies from a traditional and online perspective
- Identify guidance and resources for learning environment design and delivery



What Is a Learning Environment?

"The term 'learning environment' suggests place and space - a school, a classroom, a library," ... "in today's interconnected and technology-driven world, a learning environment can be virtual, online, remote; in other words, it doesn't have to be a place at all."

Call for Reevaluation of Learning Environments, January 31, 2009

- "Conceptually speaking, the Learning Environment refers to the whole range of components and activities within which learning happens."

EDUTECH Wiki April 2010

http://edutechwiki.unige.ch/en/Learning_environment

Which Issue Is Most Important to You in Planning a Learning Environment?

- a) Readiness of participant to learn
- b) Type of interactions desired
- c) Learning objective/outcome level
- d) Cost
- e) Skill and knowledge prerequisites
- f) Learner comfort
- g) Other



Considerations - Traditional Learning Environment

- Learner
 - Motivation
 - Engagement
 - Knowledge Base
 - Learning Style
- Physical Environment
- Instructor/Teacher Creativity

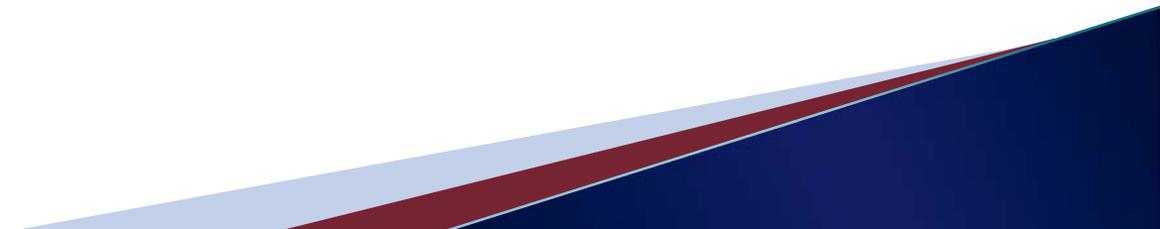


Strategies - Traditional Learning Environment

- Preparation
 - Learner
 - Instructor/Teacher
 - Environment

- Course Content/Course Design

- Instructional Methodology





Way Ahead - Traditional Learning Environment

- Acknowledge and Prepare for Differences
- Learner and Instructor/Teacher Flexibility
- Consideration of Other Approaches



True or False

It is more difficult to plan for the environment in a traditional setting than the environment in a nontraditional environment.

The Power of People and Technology

- Challenge: How can instructional and communication technologies provide new capabilities and opportunities for learners and trainers?
 - Establishing standard functions in multiple classrooms/multiple facilities
 - Computers, Internet, Instructor controls, media, display options
 - Supporting the faculty practitioner

TALL: Meeting the Need

Orlando: Tech Proving Ground

Instructional Technology
Exploration & Feasibility
Research

- Infrastructure testing for reduced cost/reduced footprint & improved performance/manageability
- Proof of concept analysis
- Robust alternative delivery technologies for games & simulations

Fort Belvoir: Faculty Test Bed

Instructional Technology
Applications for
Developers & Instructors

- Faculty training
- Instructional Technology Demo's
- On-demand testing & evaluation (authoring tools, SRS, media tools)
- On-demand classroom systems exploration (media displays, Trizenter)



TALL: Expanding the Classroom

Games and Simulations

- **Games In Curriculum**
- **Games in CLMs**
- **Mini Games**

Virtual Worlds

- **NEXUS**
- **Second Life**
- **Intact Team Training**

Mobile Deployment

- **iTunes & Apps**
- **Web Casts, Pod Casts**
- **Streaming Courses**

Web 2.0

- **Wiki Wiki**
- **Facebook**
- **Twitter**
- **Blogggggg**

What Are Some of the Resources Available?

- **Positive Adult Learning Environments in Continuing Education** by David R Wetzel at :
http://adult-education.suite101.com/article.cfm/positive_adult_learning_environments
- **Environments for Learning** by Herman Miller at:
http://www.hermanmiller.com/hm/content/research_summaries/wp_Env_for_Learning.pdf
- **Learning Environments for the Information Age** at:
<http://www.wgsite.com/Resources/LearningEnvironments.pdf>

Thank You

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