Technology Enabled Learning

Purpose:

The Technology Enabled Learning (TEL) Program was developed to assist USGS subject-matter experts (SMEs) in successfully converting classroom training into effective blended learning using a variety of electronic media.

TEL Defined:

• Technology enabled learning is built by taking each learning objective of a course on its own content and using a medium that will best communicate and transfer it to the learners. These media may include, but are not limited to, synchronous live events (using Breeze® Meeting®), discussion boards, video, narration, classroom (face to face), self-paced web-based training, and more.

Key Objectives of the TEL Program include:

• Deploy highly effective learning in all topical areas by using a blend of technologies.
• Get relevant training to more students.
• Lower travel and training costs.
• Ensure highly effective transfer of learning.
• Increase learning of critical skills across the bureau.
• Be the resource for USGS instructional designers to go to for information on:
    o Instructional Systems Design (ADDIE).
    o Effective design of technology enabled learning.
    o Effective delivery of learning objects.
    o Using collaborative technologies with technology enabled learning.
    o Section 508 compliancy and standards in relation to technology enabled learning.
    o Breeze Presenter® and Breeze Meeting®

Requirements to Publish a Course on OED's TEL Server:

• Completion of the OED-sponsored course "Designing, Developing, and Deploying Effective Technology Enabled Learning Using Adobe's Breeze." A Breeze license will then be issued to the Lead SME for the course so that he/she can start developing their course.
• Completion of an Instructional Design Document to be reviewed and approved by TEL Program Lead. This document includes names of course designers (SME's), course and lesson objectives, lesson and topic titles, outline of course components, timeline for course milestones. This document serves as the baseline for the course.
• Testing after each lesson by students who are representative of the target audience and the TEL Program Lead.
• Final testing of the completed course on the Breeze server by 3 or 4 students representative of the target audience, a SME that is not on the course design team, a 508 Accessibility expert, a technical editor, and anyone else that the course design team delegates.
• OED TEL Program team is available to help SMEs throughout course design, development, and deployment.

To see all available OED sponsored courses, please visit the course schedule at:

http://training.usgs.gov/ntc/courses/Course_Info/class_schedule.cfm

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