Developing and Integrating Internet-2 video content into Teacher Education Programs - Video Festival Demonstration

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Abstract

Sonoma State University (SSU) is part of the California State University (CSU) system and has received a PT3 Federal catalyst grant over the period 2001-2004 for project Light Bridge. The Light Bridge project aims to develop video content resources for California’s Internet-2 network, the next and most powerful generation of today’s Internet. The project is both piloting and establishing revolutionary practices in preparing pre-service teachers to be adept and sophisticated in using technology in the classroom.

Video Festival proposal for the Light Bridge project

The Light Bridge is a PT3 Catalyst project that aims to produce exemplary video content material for integration and experimentation into teacher preparation programs across the California State University system.

We aim to show a compendium of videoclip content material as exhibits that capture the classroom performance of pre-service teachers for analysis and criticism by mentor teachers and university supervisors. The following developmental curriculum areas are being 'captured':

1) Classroom management;
2) Reading Language Arts and Second Language Acquisition;
3) Mathematics and Science;
4) Physical Education;
5) Video Case Studies; and,
6) Videoconferencing/Student Teaching

Any video content that has been placed on an Internet-2 server and can be connected via a broadband Internet connection at the conference venue could also be demonstrated as
part of the 1 hour video festival demonstration session. We will produce an instructional handout for the delegates summarizing the project. This festival proposal represents the practical component to our proposed full paper on the topic, which has also been submitted to SITE 2002.

Useful Light Bridge Project Website References:

Light Bridge project Website URL: (http://www.sonoma.edu/people/f/fouche/lightbridge/).
Internet2 Website URL: (http://www.internet2.org).
Internet2 K-20 Initiative URL: (http://www.internet2.edu/k20/).
ISTE Website URL: (http://www.iste.org/standards/ncate/advanced.html).
Seven Dimensions for Gauging Progress of Technology in the Schools, available from the Milken Exchange Website URL: (http://www.milkenexchange.org).
NCATE Website URL: (http://www.NCATE.org/standard/programstds.htm).