Project Portfolio 2006

DEDICATED TO THE PURPOSEFUL USE OF TECHNOLOGY IN EDUCATION

The Columbia Center for New Media Teaching and Learning was founded in 1999 with a vision to enhance teaching and learning through the purposeful use of technology and new media. Our partnerships with faculty provide support in everything from the construction of course Web sites to the development of advanced projects. CCNMTL is committed to remaining a leader in its field, engaging these faculty partners in the reinvention of education for the digital age.

For more information about CCNMTL services, projects, tools, and technologies, please contact us at 212 854-9058 or ccnmtl@columbia.edu. CCNMTL has locations in 524 Butler Library, 505 West 114th Street, Mail Code: 1130, New York, NY 10027 and at the Health Sciences campus in the State Armory at 210 Ft. Washington Avenue, 2nd Fl., New York, NY 10032.

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* contact CCNMTL for access outside Columbia University
Frontiers of Science

Video Interactions for Teaching and Learning (VITAL) provides a digital library and multimedia workspace in which students view clips and save notes in order to create "multimedia essays" to illustrate their observations. Originally developed for Professor Herbert Gintis's Early Childhood Mathematics course at Teachers College in 2003, VITAL is currently used in courses in a broad range of disciplines across the University, from Teachers College and the School of Social Work to courses in the humanities.

The Autobiography of Malcolm X

The Autobiography of Malcolm X is a seminal memoir of Malcolm X's life, published in 1965. Malcolm X, originally Malcolm Little, was an African American Muslim, civil rights activist, black nationalist, and orthodox Sunni Muslim. He was particularly known for his advocacy of Pan-Africanism, the unification of all black people, and his advocacy of black economic self-sufficiency. He wrote his own autobiography, which became an immediate classic. The MSE features the reading of his inflammatory text, he published the work himself, in 1965. He was an influential voice in the Black Power movement and an advocate for the rights of African Americans and the African diaspora.

Multimedia Study Environment (MSE) presents the full text of this seminal memoir with Partner: Herbert Ginsburg, Teachers College

Social Justice Movements wiki

Students in Professor Robin D.G. Kelley's spring 2005 undergraduate course "Black Movements in the U.S." developed the Social Justice Movements wiki, which includes information about organizations, labor, civil rights, black liberation, feminism, environmental justice, and anti-globalization, and their impact on local communities. As Professor Kelley continues to teach the course, new groups of students continue to add to the site, making it a valuable tool for social justice research.

Films Language Glossary

The Film Language Glossary defines a broad range of terms that span the major themes of Film Studies, from practical and technical terminology to the language of critical studies. Each definition is illustrated with film clips and images, many feature audio commentary and graphic annotations by professors David McKenna, Richard Peña, and James Schamus that help viewers understand specific techniques. The Film Language Glossary was produced in collaboration with the School of the Arts and Columbia University Libraries, and will continue to grow as new terms are added.

Teaching Assistant Strategy Kit (TASK) Prototype

TASK is a prototype developed in collaboration with Columbia's American Language Program and MIT's Teaching and Learning Laboratory to help TAs and novice instructors become better teachers. Short videos provide models of effective classroom strategies and techniques that TAs can incorporate into their own practice. The site also includes pedagogical research that allows teachers to explore the theories that support the tactics suggested. CCNMTL is currently seeking funding to complete this resource.

Library Compass

The Library at Columbia University provides students with a wealth of information that can be daunting for the uninitiated. Library Compass orients students to the range of research tools available to them and offers guidance to build their research strategies. The Compass provides four points of entry, guiding students through the process of planning research papers, searching for specific resources, evaluating the credibility of various resources, and documenting research with proper citations.

Partner: Columbia University Libraries

Latin American Humanities Resources

CCNMTL worked with Latin American Humanities faculty to provide a solution to allow multiple instructors to share a wealth of information that can be daunting for the uninitiated. Latin American Humanities Resources site, instructors are able to share bibliographic citations, lesson plans, discussion questions, paper topics, and sample exam questions to create a rich repository of material to support the study of the 20th-century Latin American literature and culture.

Partner: Asian Civilizations, Arts and Sciences

SCS

The Image Annotation Tool (IAT) facilitates the study of digital images. The IAT's workspace allows students to annotate images with layers that can be hidden or revealed; images can also be organized into categories that are meaningful for individual study. Faculty can create slidehows and review student work. Originally developed for a histology course at the School of Dental and Oral Surgery, the IAT can be utilized in any discipline that requires the close study of images, from art history to zoology.

The Image Annotation Tool

In order to serve New York City's need to train health professionals for potentially catastrophic emergency and terrorist events, Columbia University is developing a series of Web-based exercises on responding to radiological, chemical, biological, and conventional terrorist attacks, with special emphasis on the emergency needs of the pediatric population. Beyond Columbia's classrooms, the site will be used by more than 30,000 hospital and community-based physicians, nurses, nurses practitioners, and physician assistants in the New York-Philadelphia hospital system.

Partner: Letty Moss-Salentijn, School of Dental and Oral Surgery