

Teachers Implementing Imaging and Imagery for Classroom Learning (TI³CL)

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Abstract

The PV STEMNET proposes to deliver a professional development experience for 30 in-service educators that will extend their knowledge and pedagogy of infusing imaging technology into core academic courses. By imaging technology we mean the use of some device to capture images, computer software to manipulate the images in some way, and some way to present the images to others. The program will provide the participating teachers with the camera and software, train them in the use of the software, and provide them with the knowledge needed to use imaging technology as a form of information technology across the curriculum. Teachers will introduce the use of imaging technology to their students as a digital tool that will increase their information technology fluency. The program will consist of workshop development in spring 2005, workshop delivery in summer 2005, and classroom implementation with callback sessions in the fall. A CD-ROM of the workshops will be produced and distributed. The evaluation will use a participatory action research model to measure the efficacy of the workshop, to improve teachers' implantation of imaging technology in their classes, and to prepare a select group of teachers to present workshops to their colleagues and other teachers.