

## **Abstract**

### **IdeaTools: Rapid Development Tools for Creating Interactive Multimedia - Enabled Courses on the Web**

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The presenters will outline a methodology for developing interactive Web sites to deliver instruction to learners over the Web. They will describe IdeaTools, a Web-based instructional development application that they created to help non-technically inclined faculty and instructional developers to create their own interactive Web sites for instructional purposes. They will discuss their experiences in using IdeaTools to create Web sites that incorporates course readings, handouts, online quizzes, electronic homework assignments and labs, as well as group e-mail, online class forums and chat rooms to support classroom teaching and Web-based distance learning in a wide range of content areas, such as reading and writing, social studies, meteorology, astronomy, environmental studies, chemistry and biochemistry, Web design, and computer programming. They will discuss how instructors can take advantage of existing materials, in the form of Word documents, PDF files, PowerPoint presentations, graphics, Web animations, and videos, to cut down development time. The presenters will outline their plans to disseminate IdeaTools for general use. They will demonstrate the IdeaTools tutorial Web site where interested beta users can sign up for free accounts and receive online instruction so that they can learn to utilize IdeaTools to create their own Web-based classroom and Web-based distance learning solutions.