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Web Techniques in Teaching Process

Innovative web-based teaching strategies and tools have permeated basically all aspects of education. This paper looks at the techniques involved in implementing a web technology in teaching. There is a need to develop a multimedia teaching class these days since the technology is moving so fast toward new discovery everyday. This is the first phase of a research and development project to determine the effectiveness of the web-based teaching. As part of this project we will study a process whereby an educational presentation is recorded and reformatted to make it suitable for Internet delivery. The presentation format utilizes a combination of conventional WWW media including `jpg` and `gif` images, combined with audio.

The innovations in Internet technology use and the appropriate teaching strategies for that media are based in the Virtual Classroom. In using the learning tool of creating a web site we are seeking to create a concrete learning experience in technological advances. Since the process is a hands-on experience, it will be especially effective with the visual and kinetic learners while still inclusive of other learning styles.

The creation of a Web site is an excellent experience in teaching. To be successful, students would be required to research, plan, and then execute their design. There will be a great deal of problem solving during the actual creation of the Web site. This is real life learning and very functional. Students would be able to take these skills and use them outside the classroom. This web page could become an integrated tool in their education.

The benefits of doing the web site, as a group cooperative experience are that you expand the learning environment with group dynamics. Working on a Web site project in a cooperative learning situation mirrors future working environments. In business, many people work in group's situations to complete a common project. Creating this web site will not only give the students a chance to learn real life computer and research skills but also increase their interpersonal skills. This type of learning situations is our future. The process of creating a Web site in a cooperative learning situation provides a meaningful educational experience.