How to Prepare Teachers for Integrating Multimedia and Technology into K-12 Classrooms

Barbara G. Foster, Ed.D. – Spalding University: Louisville, KY USA bfoster@spalding.edu

Abstract: To meet the needs of diverse learners, teachers must be able to integrate multimedia and technology into K-12 classrooms. Participants will walk away from this session with practical assignments and constructivist activities to enhance professional productivity and support instruction, successful assessment strategies that promote positive attitudes for facilitating the lifelong learning of various technologies by teachers and students, and samples of student work. Topics will include: knowledge of basic multimedia terminology, applications, and technologies; development of basic skills in operating multimedia hardware to support instruction and learning; development of basic skills in using and integrating the Internet and multimedia applications into the curriculum to meet the needs of learners at different age levels and in different subject areas; experience in making presentations using multimedia technologies; experience in designing and planning instruction that integrates multimedia technologies into the curriculum; and awareness of the copyright laws as they relate to educational technology.