Digital Audio/Video in Multimedia: New Challenge for Educators

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Digital technology has provided a chance for non-professionals like ordinary educators to be able to create and produce their own audio/video and be professional. Texas State Board for Educator Certification has published new technology application standards for educators who want to be certified, including teachers of technology. The standards require that educators should know how to create digital audio and video products for a variety of purposes and audiences and use them in multimedia applications. This paper discusses the difference between traditional audio/video and today’s digital audio/video in multimedia, examines the latest technology in digital audio, video, and streaming video, and provides a real course example of how video/audio is taught in a classroom to promote the implementation of the standards.