

## **Multimedia**

### **Benchmarks for Performance in Instructional Technology 1999-2000**

By the end of the course:

1. The student is expected to demonstrate understanding of vocabulary and knowledge in the use of operating systems, software applications and their functions, communications, various networks and their components, primary / secondary storage devices, input / output devices, including color theory and file formats as well as show the ability to select and use the appropriate software for a defined task as it relates to a multimedia classroom.
2. The student is expected to demonstrate keyboarding proficiency and effectively use digital / audio capturing strategies.
3. The student is expected to be aware of and comply with the laws regarding the use of technology including copyright laws and demonstrate the proper etiquette when using networks and understand the role of multimedia in society.
4. The student is expected to demonstrate knowledge of the relevancy of technology to future careers lifelong learning, and daily living for individuals of all ages by using strategies to locate and acquire desired information on LANs and WANs, including the Internet, intranet and collaborative software and apply appropriate electronic search strategies in the acquisition of information including Keyword and Boolean search strategies. Students should also identify, create and use files in various formats, applying fundamental concepts of graphic design to analyze multimedia.
5. The student is expected to demonstrate the use of appropriate computer-based productivity tools (integrating word processing, database, spreadsheet, multimedia, desktop publishing, graphics, animation techniques and/or scripting language) to create and modify solutions based on user-centric design
6. The student is expected to demonstrate the creation of new knowledge based on the integration of electronic communities, technological collaboration, collaborative software, sharing of knowledge, and other forms of communication that will facilitate career exploration.
7. The student is expected to demonstrate the use of technology to design procedures, evaluate and validate data, and continue improvement in process and product.
8. The student is expected to demonstrate the use of varied software techniques to achieve specific goal of digital communication and to recognize a quality standard.
9. The student is expected to demonstrate the ability to deliver and evaluate appropriate products ill it variety of media, including monitor/projection displays, printed copies, and electronic media.