

J. Sargeant Reynolds Community College
Course Content Summary

Course Prefix and Number: EDU 225

Credits: 3

Course Title: Audiovisual Materials and Computer Software

Course Description: Prepares students to construct graphic teaching aids; to select and develop materials for instructional support; and to operate, maintain, and use audiovisual equipment in the classroom. Lecture 2 hours. Laboratory 2 hours. Total 4 hours per week.

General Course Purpose: Students will gain knowledge related to the physical needs of young children. This course is a fourth semester requirement for the associate degree that has been in the Early Childhood program prior to Fall 2009.

Course Prerequisites and Co-requisites:

None

Course Objectives:

Upon completing the course, the student will be able to

- a. Distinguish between instruction and learning;
- b. Describe technologies of instruction and cite examples;
- c. Compare the current uses of media in both education and training programs;
- d. List general characteristics of learners and types of specific competencies that could affect media selection;
- e. Explain how learner characteristics affect the selection of media;
- f. Use the cassette tape recorder in the classroom;
- g. Use the copier to make transparencies for instructional use in the classroom;
- h. Focus and present materials using the overhead projector;
- i. Use the computer to create educational games to use in the early childhood classroom;
- j. Create a storyboard using the computer and a narrated story book for children to enjoy;
- k. Enhance classroom lesson plans by using the Internet for planning instructional activities, for example, a virtual field trip;
- l. Identify the major computer components--keyboard, monitor, disk drives, and printer;
- m. Use a multimedia projector to present information;
- n. Use the digital camera to include photographs in classroom lesson plans and with student portfolios;
- o. To save information on a compact disc; and
- p. Develop a professional portfolio using Microsoft PowerPoint.

Major Topics to Be Included:

- a. Systematic planning for the use of media
- b. Visual design
- c. Non-projected visuals
- d. Projected visuals
- e. Audio media
- f. Motion media: video and film
- g. Computers
- h. Mediaware and media setup
- i. Technologies of instruction

Effective Date of Course Content Summary: