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EDTL 601 Unit 2 Assignment 1

Educational Technologies



1. The Overhead Transparencies

The transparencies are popular form of instructional media. The use of large transparencies is supported by the development of small, light weight, efficient overhead projectors combined with simple techniques for preparing transparencies and by the dramatic effectiveness of the medium.

Advantage	Disadvantage
<ul style="list-style-type: none">• Easily point to draw on and block out part of the transparencies.• Use for presentation controlled by teacher.• Teacher can maintain eye contact with student.• Can use in the lighted room.	<ul style="list-style-type: none">• Difficult movement (overhead)• The transparencies are bigger than slides.• The projector must be placed close the screen, student may not see the screen if the room is not appropriate.

The use of technology and how teacher can use – This enables a person to direct the attention to a specific part of the visual that is being emphasized and may also be constructed in several parts. The teacher must carefully plan and design the transparency, so it can help the teacher make a more effective presentation. The characters of a suitable size should be 1/4 inch.

Unique – The overhead transparencies are designed to work in a lighted room They are easy to produce and reproduce, the teacher can easily create the information.



2. Video Recordings – Sound and picture can be easily reproduced by the video. They share close relationship in that each on can portray a subject in motion combine with the appropriate sound.

Advantage	Disadvantage
<ul style="list-style-type: none">• It is easy to control the information.• Teacher is useful to describe and teach.• Can include special recording technology (animation)	<ul style="list-style-type: none">• It is a high cost production process in the studio.• Video format types are incompatible.

The use of technology and how teacher can use – The video recording should be used to present the information and describe a process. The teacher must select the brand of tape for use. Other brands may be a manufacturer's seconds or that were improperly store. The teacher should review the specific scenes in the tape before showing it to the student.

Unique - The video is easy to control the delivery information to the students and provides some of the strengths of motion picture film, such as showing motion with sound.



3. Interactive Whiteboard - It turns the teaching into a powerful presentation and collaboration tool. The teacher can write notes in electronic ink and save those notes to a computer. If they do not like what they've written, they can pick up the eraser and erase it. The interactive whiteboard uses the same tools as a regular whiteboard. Teacher can control any computer application directly from the board's large, touch-sensitive surface.

Advantage	Disadvantage
<ul style="list-style-type: none">• The teacher can touch the overlay to control any computer application, highlight key information using electronic ink.• Highlight key information using electronic ink or save and print notes.• Involve students actively in learning.• Apply many principles of learning.	<ul style="list-style-type: none">• Require detailed, careful planning.• It is a high cost.• Require special equipment and service for complex applications.

The use of technology and how teacher can use - It is easy to present the information to student because the interactive whiteboard lets the teacher to have information at his/her fingertips. The teachers must prepare the course before using it. It might become the problem because of “information overload” if the teacher do not prepare the course.

Unique – The teacher can control any computer application directly from the board's large, touch-sensitive surface. The teachers can find much information by their fingertips.

Whatever teaching tools the teachers use, it makes sense that they should be able to use the interactive whiteboard when the teachers are brainstorming with their students.