



## Selecting Technologies

### 1. Think pedagogy first, technology second

1. Always define exactly what it is you want your students to do
2. Choose one or two technologies that you feel will support each activity best

### 2. Analyze your course to determine your needs

1. Break your course down into three parts: content presentation, assignments and activities, and tests and evaluation. Content presentation is similar to lecture
2. For each, think about the learning outcomes you want students to achieve. How will they do that? How will the technologies selected support it?

### 3. Consider all your technology options

1. *Print*: Textbooks, study guides, workbooks, fax, ...
2. *Voice/Audio*: Telephone, voicemail, audio conference, audiotape, radio, podcasting, mp3, ...
3. *Computer*: E-mail, learning management system, mobile, videoconference, Web, CD-ROM, DVD, collaboration software, Second Life, wikis, blogs, ...
4. *Video*: Videotape, conferencing, broadcast, streaming, Vcast, ...

### 4. Consider advantages and disadvantages for each technology considered

1. Create a table and list the advantages and disadvantages you see in using each technology
2. For example:

	Advantages	Disadvantages
<b>Print</b>	<i>Portable High comfort level Readily available</i>	<i>No interactions Limited sensory involvement Time delay</i>
<b>Audiotape</b>	<i>Inexpensive Easily accessible Easily duplicated</i>	<i>No visual cues No interaction</i>
<b>E-mail</b>	<i>Flexible Interactive Convenient</i>	<i>Requires hardware Software variations</i>
<b>Online Chat</b>	<i>Real-time interactions Instant feedback</i>	<i>Requires similar software Must be scheduled Requires hardware</i>
<b>Videotape</b>	<i>Inexpensive Easily accessible Easily duplicated Audio and visual elements</i>	<i>Complex to record No interaction Requires hardware</i>

### 5. Identify the source of your media

1. What you will create?
2. What you will get created?
3. What you will borrow? Rent? Buy?

### 6. Think about student access to technology

1. Don't assume that students will have access to the technologies you have selected