

Technology Applied to Instruction

Integrating Technology into 21st Century Classrooms

Educ 572 * Unit 4 Lecture

Print Out the Study Guide PP for taking notes!
Use Pause & Play along with Table of Contents!

What is Distance Learning?

- Distance Learning/Education is...
- [Wikipedia](#): Distance Learning/Education
- Distance Learning Delivery Systems...
- US Mail, A/V Tape, CDs, TVs, Email, (NLs/BBs)...
- Tele/PC, Audio/Video/Web Conferences... [Internet!](#)
- Types of DL/E Activities... [Online Courses later!](#)
- Current Issues & Research in DL/E...
- Summary of Research DL/E...

What is Internet?

- What is Internet? What is WWW? Browser/URLs...
- [Synchronous](#) (same) / [Asynchronous](#) (different)
- Email & WWW most popular usage(s)...
- NLs & BBs, Blogs & Casts, FTP (Us & Ds),
- CRs / IMs, A/V conferences, [Social Networks](#),
- MUDs, MOOs, RPGs, Avatar: MUD/RPG...
- [Search Types](#): Engines, Directories, Hidden
- [Netiquette](#): Rules of Behavior for Internet...

Access Internet

- **Connections:** Initial, Faster, Fastest, Convenient...
 - Dial Up, DSL, Broadband, Wireless...
- Hi Speed PC (< 3 yrs old)... (Online/BB/CC/HHG...)
- Better to buy **new** than **upgrade** in most cases...
- IBM PCs: Dell, Gateway, HP, Sony, PB, Acer, **PDA**s...
- Macintosh (Apple) PCs (iPhones / iPods)...
- Online Internet Providers... TW, AT&T, V, AOL, **etc**...
- Internet Equipment: PC & SW & HW & ISP...

Fastest Growing

- Fastest Growing: **Social Networks:** What are they?
 - The most used and popular... Pros & Cons!
- Internet & Home Entertainment... Doctor/Games
- Games & Technology... Sports/MUDs/RPGs
- **Games are out growing** TV usage or sales... \$\$\$
- @ YouTube, Teacher Tube, God Tubes...
- Should Education be using these Toys & Tools?
- **Tools & Toys** in WWW Investigations... **Games!**

Courses & Degrees

- Courses **then** Degrees in Higher Ed...
- More & more online courses in **K-12**...
- Course Design/Management & Course Tools...
- Online Course Providers... **Internet vs Intranet**
- **eCollege**, WebCT, BlackBoard...
- **Attributes** for Online Courses:
 - Community, Teams, Participation, Support,
 - Email & Drop Box, Activities, Collaboration...

Web Page/Site

- What is a [Web Page](#)? What is a [Web Site](#)?
- [Home Page](#) is Table of Contents for Web Site!
- Authoring Tools: HTML, XML, Java, VRML...
- Application: Web Page/Site Authoring Tools...
- DreamWeaver, MS Word, Open Office, SeaMonkey...
- Downloading: Images, Music, Videos... [Clogs!](#)
- [Formats](#): Images? Videos? Plug-ins?
- Web Enhanced Study Guides (Handouts)... [Send?](#)

Web for Teaching

- Do Teachers need to create Web Pages/Sites?
- If to provide examples & assignments [then](#) do it!
- [Quick & Easy](#): Curriculum Pages. Scavenger Hunts, WebQuests, Virtual Tours (L & NL PPs) ...
- Internet Blogs & Educational Wikis...
- Blogs/Podcasts/[Screencasts](#), WESGs...
- Investigation of providers with exemplary work!
- EducationWorld, BlueWeb'n, Gateway [GEM](#), etc...

Conclusion Unit 4

- Summary of Distance Learning/Education & Internet
- Internet (Components), [Internet<>WWW...](#)
- Summary of Integrating Technology ([Internet](#))
- Activities, Authoring, Teachers, Students...

@ [Pause & Play](#) along with [Table of Contents](#) @
[Lecture](#), [Textbook](#), [Investigations](#), [Case Studies](#), [TDs...](#)
