Instructional Design Institute

From Instructional Method to Instructional Media

Concerns

- If I change what I do in the classroom, won’t I have to sacrifice some content?
- How can I provide immediate feedback to students on their quizzes?
- How can I motivate students to read the text?

Initial Assumptions

- Instructional design is all about meeting educational goals
  - Instructional technologies should be “handmaidens” of your goals
  - Effective use of technologies is not “top down”
  - “Technology for technology’s sake” is usually counterproductive

Initial Assumptions

- Our focus will be on “new information technologies”
  - “Old technologies” are analog & linear
  - “New technologies” are digital & non-linear
Starting Point

What is your instructional goal?

- Intent Statement (#7, p. 60)
- Goal & Revised Intent (#11, p. 81)

Which instructional model?

- Match goal with learning type (#12, p. 97)
- Select appropriate model (p. 152)

The Decision Chain

Intent → Goal → Model → Technology

The Support Chain

Intent → Goal → Model → Technology

The Big Question

Which instructional technologies best fit your instructional model in order to reach your instructional goal?
**Selection Grid**

<table>
<thead>
<tr>
<th>Instructor-Oriented</th>
<th>Presentations</th>
<th>Digital Media</th>
<th>Web Pages</th>
<th>Courseware</th>
<th>Collaboration</th>
<th>Discussion</th>
<th>Other Courses</th>
<th>Other Activities</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Lecture</td>
<td>X</td>
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<tr>
<td>C. Drill &amp; Practice</td>
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<td>D. Quiz &amp; Test</td>
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**Instructional Technologies**

- **Presentations**
  - Example: Chris Miller’s OT Presentations: [http://www.cedarville.edu/employee/millerc/](http://www.cedarville.edu/employee/millerc/)

- **Digital Media**
  - Still Image
    - Example: Dennis Sullivan’s Human Histology Slides: [http://www.cedarville.edu/dept/sm/sullivan/histology/imagemenu.htm](http://www.cedarville.edu/dept/sm/sullivan/histology/imagemenu.htm)
  - Animation
    - Example: Joe Francis’ Animated Examples of Prokaryotic Cell Division: [http://www.cedarville.edu/dept/sm/jwf/division.htm](http://www.cedarville.edu/dept/sm/jwf/division.htm)
  - Audio
    - Example: Oyez! RealAudio of oral arguments in N.Y. Times v. Sullivan: [http://oyez.nwu.edu/cases/cases.cgi?case_id=277&command=show](http://oyez.nwu.edu/cases/cases.cgi?case_id=277&command=show)
  - Video

- **CIC “Effective Practices” Site**
  - [http://www.cedarville.edu/dept/ca/cic/test_bed](http://www.cedarville.edu/dept/ca/cic/test_bed)
  - [http://www.cedarville.edu/dept/ca/cic/workshop](http://www.cedarville.edu/dept/ca/cic/workshop)
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Instructional Technologies

- Web Pages
- Courseware
- “The Classroom Flip”
- Examples of Web Page resources by Instructional Strategy
  - http://www.cedarville.edu/dept/ca/cic/workshop/strategy.htm

Instructional Technologies

- Mediated Discussion
- Collaboration Software

Instructional Technologies

- Mediated Discussion
  - E-mail
  - Listserv mailing lists
  - Chat rooms
  - Bulletin Boards
  - Threaded Discussion
Instructional Technologies

- Online Courses
  - Complete Courses for Distance Education
  - Enhanced Courses to supplement face-to-face courses
- Online Quizzes

Student Tracking

<table>
<thead>
<tr>
<th>Personal Information</th>
<th>Access Information</th>
<th>Articles</th>
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The Big Question Revisited

Which instructional technologies best fit your instructional model in order to reach your instructional goal?