Distributed Learning Impact Evaluation

Students

- Success
- Retention
- Reactive behavior patterns
- Generational comparisons

Faculty

- Online programs
- Writing project model
- Higher order evaluation models
- Theater
- Student evaluation of instruction
- Large online classes

Satisfaction
- Demographic profiles
- Strategies for success
- Information fluency
Student outcome domains in online learning

Student outcomes

- Affective
- Behavioral
- Cognitive
What we have found regarding online students

- The majority of students enrolled in fully online (W) courses are also enrolled in face-to-face courses,
- The distribution of students by ethnicity is proportionate for all modalities,
- Fully online (W) courses consistently have more females than other modalities,
- On the average, students enrolled in W courses are oldest, followed by those in M sections, then face-to-face.
Overall success rates by modality

<table>
<thead>
<tr>
<th></th>
<th>Summer 04</th>
<th>Fall 04</th>
<th>Spring 05</th>
<th>Summer 05</th>
<th>Fall 05</th>
<th>Spring 06</th>
</tr>
</thead>
<tbody>
<tr>
<td>M (N= 25,279)</td>
<td>93%</td>
<td>86%</td>
<td>85%</td>
<td>91%</td>
<td>82%</td>
<td>81%</td>
</tr>
<tr>
<td>W (N= 51,600)</td>
<td>88%</td>
<td>85%</td>
<td>85%</td>
<td>87%</td>
<td>84%</td>
<td>84%</td>
</tr>
</tbody>
</table>
Success rates by modality for Business Administration

- Summer 04: M 84%, W 85%
- Fall 04: M 75%, W 84%
- Spring 05: M 64%, W 75%
- Summer 05: M 81%, W 87%
- Fall 05: M 60%, W 69%
- Spring 06: M 67%, W 73%

M (N= 4,463) & W (N= 4,030)
Success rates by modality for Health & Public Affairs

- M (N= 6,468)
- W (N= 22,748)
Overall withdrawal rates by modality

M (N= 26,030)
W (N= 52,106)
Withdrawal rates by modality for Business Administration

M (N= 4,463)

W (N= 4,030)

Percent

Summer 04 Fall 04 Spring 05 Summer 05 Fall 05 Spring 06

4% 3% 10% 5% 17% 9% 4% 3% 15% 8% 11% 11%
Withdrawal rates by modality for Health & Public Affairs

- M (N= 6,468)
- W (N= 22,748)

Percent

<table>
<thead>
<tr>
<th>Modality</th>
<th>Summer 04</th>
<th>Fall 04</th>
<th>Spring 05</th>
<th>Summer 05</th>
<th>Fall 05</th>
<th>Spring 06</th>
</tr>
</thead>
<tbody>
<tr>
<td>Male</td>
<td>2%</td>
<td>3%</td>
<td>2%</td>
<td>2%</td>
<td>3%</td>
<td>3%</td>
</tr>
<tr>
<td>Female</td>
<td>4%</td>
<td>6%</td>
<td>5%</td>
<td>4%</td>
<td>5%</td>
<td>5%</td>
</tr>
</tbody>
</table>
Success rates by generation and course level

- **Baby Boomer**
  - 83% for Lower Undergrad
  - 93% for Upper Undergrad
  - 96% for Graduate

- **Gen X**
  - 81% for Lower Undergrad
  - 91% for Upper Undergrad
  - 94% for Graduate

- **Millennial**
  - 75% for Lower Undergrad
  - 90% for Upper Undergrad
  - 95% for Graduate
Research Initiative for Teaching Effectiveness

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