Faculty Perceptions of Readiness to Teach Online

Dissertation Defense
Randy Graff
July 23, 2008

Slide 1

Slide 2

Student Perceptions of Readiness to Teach Online

Problem
Research Questions
Results
Findings
Literature
Now what

Slide 3

Problem
Lack of faculty voice.

What do faculty feel they need in order to be ready to teach online?

Self-efficacy theory helps explain beliefs that faculty need in order to be willing and ready to teach online.

Level = Complexity
Strength = Conviction
Generality = ease of moving from one skill to another
Research Questions

What factors support faculty self-efficacy in readiness to teach online?

What factors impede faculty readiness to teach online?

What motivations do faculty hold concerning readiness to teach online?

What de-motivations do faculty hold concerning readiness to teach online?

What are the perceived causes of faculty resistance to web based teaching?

What attitudes and beliefs are conducive to faculty teaching online?

Participants

n=10
Criterion based sampling
Two interviews each

What Factors Support Faculty Self-Efficacy in Readiness to Teach Online?

<table>
<thead>
<tr>
<th>Factor</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-Reliance</td>
<td>7 (4)</td>
</tr>
<tr>
<td>Personal Interest</td>
<td>6 (8)</td>
</tr>
<tr>
<td>Technical Support</td>
<td>6 (4)</td>
</tr>
<tr>
<td>Peer Support</td>
<td>4 (4)</td>
</tr>
<tr>
<td>Experience</td>
<td>3 (3)</td>
</tr>
<tr>
<td>Reflection</td>
<td>3 (3)</td>
</tr>
</tbody>
</table>

COMMENTS (#FACULTY)

Self-reliance
Knowledge, ability and desire to complete tasks related to online teaching.
Working on their own schedule (when they want to)

Personal interest (in technology)
Beyond interest in discipline - teaching online.

Readily available technical support

Peer support
Pedagogy savvy tech support
informal assistance
peer evaluation

Experience
Thorough understanding of one’s field
Practical experience seemed to
moderate fear of technology

Reflection
Response to student and peer feedback
Evaluate methods to lead to positive
change

<table>
<thead>
<tr>
<th>Technology</th>
<th>Time</th>
<th>Administration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Supporting Factors</td>
<td>Support and personal</td>
<td>Patience and awareness</td>
</tr>
<tr>
<td>Attitudes and beliefs</td>
<td>Enjoy working with</td>
<td></td>
</tr>
<tr>
<td>Impeding Factors</td>
<td>Barriers</td>
<td>Perceived current lack</td>
</tr>
<tr>
<td>De-motivating Factors</td>
<td>Anticipate</td>
<td></td>
</tr>
<tr>
<td>Faculty Resistance</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Findings

<table>
<thead>
<tr>
<th>Theme</th>
<th>Description</th>
<th>Positive Connotation</th>
<th>Negative Connotation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Intrinsic</td>
<td>Internal qualities that influence faculty outcomes</td>
<td>51 (9)</td>
<td>0</td>
</tr>
<tr>
<td>Peers</td>
<td>Faculty within the university</td>
<td>19 (3)</td>
<td>0</td>
</tr>
<tr>
<td>Technology</td>
<td>Software and people</td>
<td>17 (2)</td>
<td>14 (2)</td>
</tr>
<tr>
<td>Students</td>
<td>Interactions with students</td>
<td>17 (2)</td>
<td>20 (3)</td>
</tr>
<tr>
<td>Time and work</td>
<td>Email requests getairie done</td>
<td>3 (1)</td>
<td>29 (6)</td>
</tr>
<tr>
<td>Administration</td>
<td>Higher management knowledge and support</td>
<td>0</td>
<td>19 (3)</td>
</tr>
</tbody>
</table>
Slide 9

Benefits to Faculty

• Grading
• Student access to materials

• Intrinsic
  - Intellectual challenge
  - Improved working conditions
  - Faculty development

Literature

Maguire, 2005
Grant, 2004
Covington, et al., 2005

Slide 10

New findings

Genuine, in-depth faculty input with regards to online teaching
Faculty presence
Respect for students

Graff, 2008
Slide 11

What Now?

Adoption process and faculty involvement
What do successful programs look like and what type of faculty involvement exists
Improve communication
Impact on teaching and learning in an online course

Slide 12

Thank You For Your Attention

Questions

Questions

Questions

Slide 13

Explorer 4 (High Fidelity)

Main Features
Outline
Adjustable frames
Full-size slide
Navigation
Slide show
Animation
Transitions
Slide 14
Explorer 3 and Netscape 3
Main Drawbacks
Static frames
Minimized slide
Misaligned images

Slide 15
Save As Accessible Web Page (not yet for 2007)
http://www.webaim.org/techniques/powerpoint/convert.php

PPT to DVD

Slide 16
Articulate $500 to $700
2007