Adaptive Learning: A Case Study in Implementation
Connie works with both online and ground degree programs. She has oversight of academic affairs, including faculty, curriculum, classroom experience, and accreditation. During her time at CTU, Connie has initiated adaptive learning technology implementation, effective leadership of academics, women's leadership, leading academics through change, and effective technology implementation in the online classroom including the promotion of academics, faculty and student engagement through social media.
About CTU

- Colorado Springs and Aurora, Colorado
- Over 23,000 students (21,000 online)
- Average age of students-mid to late 30s
- 123 degree programs; 6 colleges

Adaptive Learning

- Piloted at CTU in 2012
- Currently 140 courses
- Over 75,000 students to date
- Over 500 faculty trained
About Adaptive Learning (AL)

1. Personalizes the educational experience
2. Customizes content
3. Assesses individually

A Model of School Learning (1963)
John Carroll
Teachers College Record
Adaptive Learning–Platform Selection

• Realizeit
  • Content agnostic
  • Adaptive learning and assessment
  • Robust assessment component

Realizeit
Powering intelligent pathways to mastery
Student Main Screen – Map View
## Instructor Basic Data – Student List & Metrics

### Algebraic Notation and Expressions

<table>
<thead>
<tr>
<th>Name</th>
<th>Status</th>
<th>Ability</th>
<th>Progress</th>
<th>Time spent</th>
<th>Est Time left</th>
<th>Pairing</th>
<th>Last access</th>
<th>Composite score</th>
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<td>Bailey, Ruby</td>
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<td>No time</td>
<td>3/13</td>
<td>9 mins</td>
<td>8 mins</td>
<td>Pair</td>
<td>1/8/2016, 11:37:42 AM</td>
<td></td>
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<td>No time</td>
<td>0/12</td>
<td>3 mins 6 mins</td>
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<td></td>
<td>1/8/2016, 11:46:54 AM</td>
<td></td>
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<tr>
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<td>12/13</td>
<td>3 mins</td>
<td>4 mins</td>
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<tr>
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<td>No time</td>
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<td></td>
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Adaptive Learning Increased my Engagement

- UCF (n=240)
  - Disagree: 8
  - Ambivalent: 18
  - Agree: 75

- CTU (n=1,440)
  - Disagree: 7
  - Ambivalent: 9
  - Agree: 85

P=.00
I Would take Another Adaptive Learning Course

<table>
<thead>
<tr>
<th></th>
<th>UCF (n=240)</th>
<th>CTU (n=1,440)</th>
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</thead>
<tbody>
<tr>
<td>Disagree</td>
<td>9</td>
<td>6</td>
</tr>
<tr>
<td>Ambivalent</td>
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<tr>
<td>Agree</td>
<td>78</td>
<td>86</td>
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CONSIDERATIONS FOR IMPLEMENTATION

- Technology
- Faculty
- Students
- Training
- Accreditors
- Implementation and Measurement of Results