Blended Learning 101
February 24, 2014

Julie Schell
Director of OnRamps & Strategic Initiatives
What is it?
What is it?

A pioneering blended-learning initiative which aims to increase the number and diversity of students who experience rigorous, high-quality dual-credit coursework aligned with the expectations of leading research universities.
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Blended learning

What is it?
How are we doing it in OnRamps?
How can we do it better in OnRamps?
Blended learning

What is it?
Blended learning

What is it?

“A formal education program in which a student learns at least in part through online delivery of content and instruction with some element of student control over time, place, path, and/or pace.

http://www.christenseninstitute.org
Blended learning

What is it?

“A formal education program in which a student learns at least in part through online delivery of content and instruction with some element of student control over time, place, path, and/or pace and at least in part at a supervised brick-and-mortar location away from home.”

http://www.christenseninstitute.org
Blended learning

What is it?

From http://www.christenseninstitute.org

- **Time:** Learning is no longer restricted to the school day or the school year.
- **Place:** Learning is no longer restricted to the walls of the classroom.
- **Path:** Learning is no longer restricted to the pedagogy used by the teacher. Interactive and adaptive software allows students to learn [in a method that is customized to their needs].
- **Pace:** Learning is no longer restricted to the pace of an entire classroom of students.
Blended learning

What is it?

Brick & Mortar Learning

http://www.christenseninstitute.org
Blended learning

What is it?

Brick & Mortar Learning + Online Learning

http://www.christenseninstitute.org
Blended learning

What is it?

Brick & Mortar Learning + Online Learning = Blended Learning

http://www.christenseninstitute.org
Blended learning

What is it?

<table>
<thead>
<tr>
<th></th>
<th>1 (Yes)</th>
<th>2 (No)</th>
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<tbody>
<tr>
<td>A student playing an educational typing game on her own at home for fun</td>
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<td>A self-paced MOOC</td>
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http://www.christenseninstitute.org
## Blended learning

### What is it?

<table>
<thead>
<tr>
<th>Activity</th>
<th>1 (Yes)</th>
<th>2 (No)</th>
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<tbody>
<tr>
<td>A student playing an educational typing game on her own at home for fun</td>
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<td>A student watches a video of their instructor explaining a lab procedure at home and then completes the lab procedure in class the next day (Flipped Classroom)</td>
<td></td>
<td>x</td>
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</table>
Blended learning

Why should I care?

Blended learning is the most exciting innovation to hit education in centuries.
Blended learning

Why should I care?

More and more college classes are blended, and this trend will only continue to grow.
DFQ Rates Large Intro Courses

- Blended
- BIO 311C
- CH 301
- M 408K
- SSC302

Graph showing DFQ rates for different Intro Courses from 2008 to 2012.
Blended learning

Two types of innovation

Sustaining and Disruptive

and then hybrids
Blended learning

Both hybrid and disruptive examples

**Hybrid:** Flipped classrooms

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Out of Class

In Class

Students prepare to participate in class activities

BEFORE

The Flipped Classroom

created by Josh Walker
The Flipped Classroom

Out of Class

Students prepare to participate in class activities

BEFORE

In Class

Students practice applying key concepts with feedback

DURING

Out of Class

Students check their understanding and extend their learning

AFTER

created by Josh Walker
Blended learning

Both hybrid and disruptive examples

Disruptive: Individual rotation model

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Big Idea

Blended learning is NOT technology-rich instruction.
Blended learning

How are we doing it in OnRamps?
Blended learning

How could we do it better?
Blended learning

What is it again?
Blended learning

What is it?

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and at least in part at a supervised brick-and-mortar location away from home."
Blended learning

How could we do it better?

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Call to action

Find ways to blend your OnRamps course and share it with us.

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