The Hybrid Classroom

A Practical Guide

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1. What is a Hybrid Class?

2. Class time

3. Videos

4. Payoff

5. Final Tips
Are they **effective**?

Should I make one?

How do I do it?
Class Time

**TRADITIONAL**
- Lecture
- Homework activities

**FLIPPED**
- Lecture
- Classroom activities

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**The Flipped Classroom**

**IN CLASS**
- Students practice applying key concepts with feedback

**OUT OF CLASS**
- Students check their understanding and extend their learning

**BEFORE**
- Students prepare to participate in class activities

**AFTER**
- Students check their understanding and extend their learning
Online Content - Activities

Discussion Board
- Discuss topics related to oceanography or marine biology.
- This week, post a link to a relevant news article.

Blackboard Wiki for Group Projects
- Student A can begin the document
- Student B can add and edit
- Student C can add a picture

Poll Everywhere

Mentimeter

PeerScholar
Online Content – Videos

Find some INSPIRATION

Just Do It
Ted Talk
BBC Philosophy

BEAUTY
Feminine Beauty

Narrated by Harry Shearer
Hakob – HPS100
Stanford
My Inspirations

Popular Online Streams

YouTube FOR SCHOOLS
Content in Background – Screen Capture

Me in the Corner talking to Viewers – Webcam

Simple and Minimal Slides
Single-Place Predicate Logic Symbolization

Alex Koo
There is a rapper from Toronto who started from the bottom.

F¹: {1} is a rapper. H¹: {1} is from Toronto.  
K¹: {1} started from the bottom.
COGITO
ERGO
SUM
How I did it

1. Get some hardware
2. Get some software
3. Make some slides
4. Just Do It
Blue Yeti Mic - $149

Pop Filter - $15.99
Logitech Webcam - $99
CanadianStudio Green Screen Kit - $169
UN-SUCK YOUR POWERPOINT.
Ridding the world of crappy presentations one PowerPoint at a time...

http://unsuckyourpresentation.com/
To Script or Not?

TO-END SYSTEM IN
MARCH 2003.
TELEMUNDO, HEAD-
QUARTER WATER
Goals

Lower the **drop rate**

Lower the **failure rate**

Increase the **low-end marks**

Make the course more **accessible**
<table>
<thead>
<tr>
<th></th>
<th>Drop %</th>
<th>Failure %</th>
<th>Mean</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 2015</td>
<td>23.4</td>
<td>7.76</td>
<td>70.61</td>
</tr>
<tr>
<td>Winter 2016</td>
<td>21.7</td>
<td>11.3</td>
<td>68.64</td>
</tr>
<tr>
<td>Fall 2016 (H)</td>
<td>13.6</td>
<td>8.15</td>
<td>72.49</td>
</tr>
</tbody>
</table>
Mistakes

Videos are too long

Too many demonstrations

Disorganized YouTube Channel

Smile more!
If I could do it all over...
Video Lecture of This Presentation