JOSÉ ANTONIO BOWEN

TEACHING NAKED

How **Moving Technology** Out of Your College Classroom Will **Improve Student Learning**

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www.teachingnaked.com

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Key Ideas

- **Value** of Campus Education = Faculty Interaction

- **Technology** is a tool, not a strategy

- Learning is about **change**

Technology = three major changes

- relationship to knowledge

Leonardo DiCaprio Cast as MLK in New Film, Will Wear Blackface

By *Blake Wallace* on April 7, 2014

The News Nerd

"Have y'all seen this? I am so mad!"

Relationship to Knowledge

Crime

Marijuana Overdoses Kill 37 in Colorado On First Day of Legalization

Jan 02, 2014

Tweet 9,169   Like 1.5m

Colorado is reconsidering its decision to legalize recreational pot following the deaths of dozens due to marijuana overdoses.

According to a report in the *Rocky Mountain News*, 37 people were killed across the state on Jan. 1, the first day the drug became legal for all adults to purchase. Several more are clinging onto life in local emergency rooms and are not expected to survive.

Relationship to Knowledge

Relationship
to
Knowledge

26 March 2014 Last updated at 14:26 ET

Share

North Korea: Students required to get Kim Jong-un haircut

By News from Elsewhere...
...as found by BBC Monitoring

KCNA

Technology = three major changes

- relationship to knowledge

- social proximity

- customization and gaming

Relationship to Knowledge
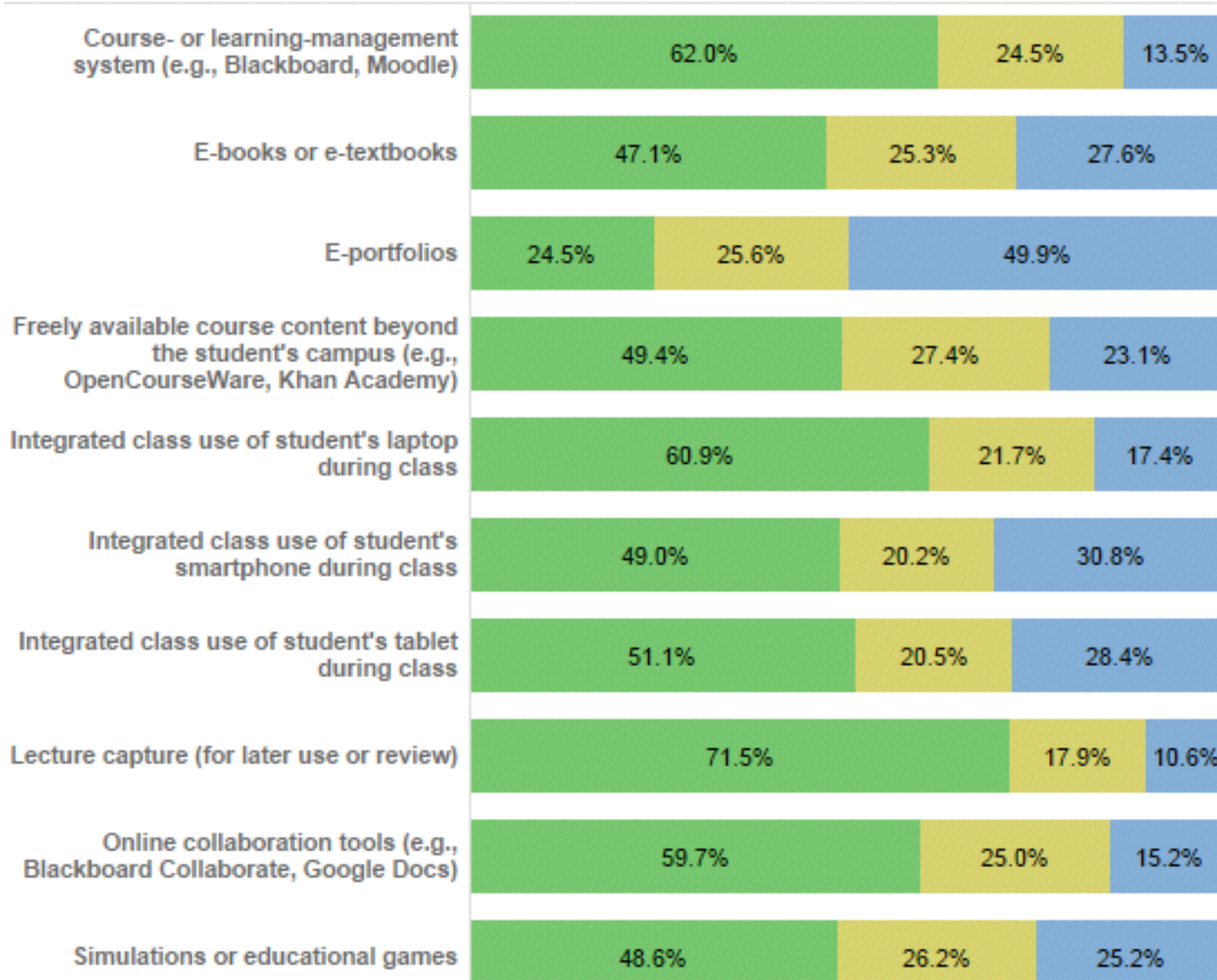Technology is great for content *(workshop)*

First Exposure

iTunesU, Khan, Wikipedia, OpenYale, Utubersidad, EdX, WileyPLUS

Podcasts

Teach to the many, not to the middle

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Resource or tool

Resource or tool	More	Same	Less
Course- or learning-management system (e.g., Blackboard, Moodle)	62.0%	24.5%	13.5%
E-books or e-textbooks	47.1%	25.3%	27.6%
E-portfolios	24.5%	25.6%	49.9%
Freely available course content beyond the student's campus (e.g., OpenCourseWare, Khan Academy)	49.4%	27.4%	23.1%
Integrated class use of student's laptop during class	60.9%	21.7%	17.4%
Integrated class use of student's smartphone during class	49.0%	20.2%	30.8%
Integrated class use of student's tablet during class	51.1%	20.5%	28.4%
Lecture capture (for later use or review)	71.5%	17.9%	10.6%
Online collaboration tools (e.g., Blackboard Collaborate, Google Docs)	59.7%	25.0%	15.2%
Simulations or educational games	48.6%	26.2%	25.2%

Social Proximity

- Announcements

- Show your passion

- Make connections

- Introduce Readings (<u>Link to example</u>)

- Reflection and Final Thoughts

- Virtual Office Hours

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Social Proximity

Facebook: average UG student = 8.5 hours/week (Morepace, 2010)

"A student who joins the Facebook study group is likely to see half-a-letter grade improvement in their final course grade." Mario Guerrero (2014) "Using Online Facebook Study Groups as a Pedagogical Tool for Political Science Courses"

- Facebook Page (like - YES please - Jose Antonio Bowen)

- Facebook Profile (friend - NO, I don't know you)

- Facebook Group (join - NO only smu.edu)

- Twitter: @ or # ? (follow JoseBowen)

- GroupMe: text group

Social Proximity

eCommunication Guidelines

- Establish how you will communicate

- Create a schedule for yourself

- Be clear and consistent about what information is in which channel

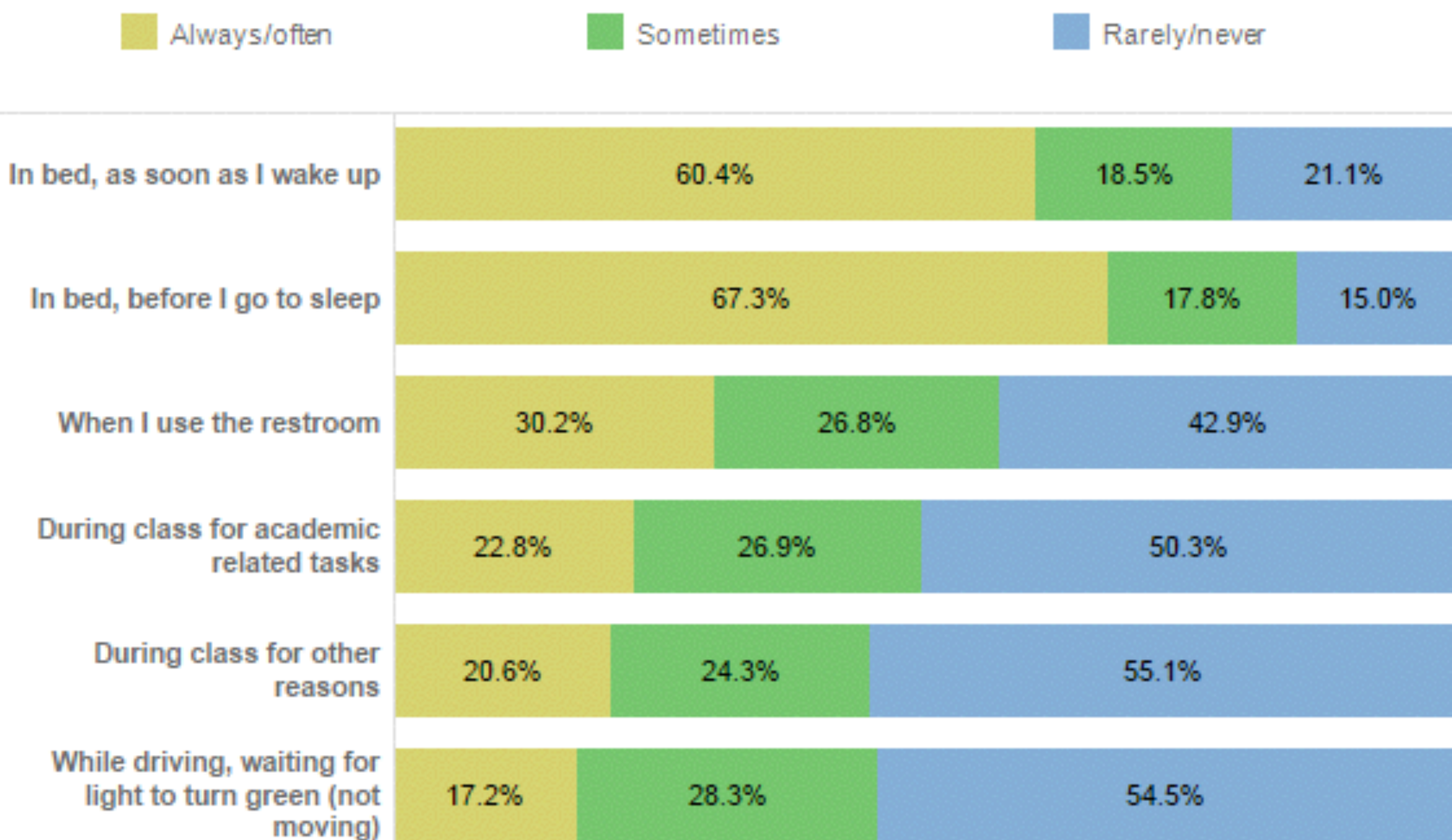- Limit the forms of communication

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Create your own

EXAMPLES:

Facebook: I will respond to questions on the Fb Group page within 24 hours. Everyone can see the questions and the answers. If someone else has the answer, don't wait for me. I will hold FB open hours until 11pm before each test.

Chat: I will be in the Google Hangout on Tuesday from 9-10pm. If you see me on Fb or Skype, you can chat with me there too.

Survey participants reported using their cellphones, on average, nearly five hours a day, a length of time made possible by multitasking. More than a fifth said they always or often use their cellphones for nonclassroom-related purposes during class.

Legend: ■ Always/often ■ Sometimes ■ Rarely/never

	Always/often	Sometimes	Rarely/never
In bed, as soon as I wake up	60.4%	18.5%	21.1%
In bed, before I go to sleep	67.3%	17.8%	15.0%
When I use the restroom	30.2%	26.8%	42.9%
During class for academic related tasks	22.8%	26.9%	50.3%
During class for other reasons	20.6%	24.3%	55.1%
While driving, waiting for light to turn green (not moving)	17.2%	28.3%	54.5%

Understanding Games

We need to make college more like a good video game.

SmashFact.com

Online Exams before every class

- •Improve Student Preparation

- • Create more class time

- • Use your LMS = Fast + Autograding

- • Better Multiple Choice Questions

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Day One: Syllabus Quiz

Which of the following is NOT a course learning goal?

1. Argue in different modes of discourse

2. Determine the role of jazz in American politics.

3. Fall in love

4. Understand American history as the context for jazz

5. Analyze jazz styles

6. Question authority: Ask better questions.

Teaching Naked Cycle

- Email to **prepare** (the entry point)
- Content for **first exposure** (read/watch/do)
- Exam to **evaluate**
- Writing to **reflect**
- Class to **challenge**
- eCommunication to **reinforce**
- Cognitive Wrappers to **self-regulate**

Headline for today?

Socrative.com

Room Number 810007

Clickers

1. Encourage all students to participate (Klein 2009)
2. Instant feedback (Briggs and Keyek-Franssen 2010)
3. Increase engagement and satisfaction in class (Fredericksen and Ames 2009)
4. Foster more honest feedback and harder discussions (Bruff 2010)

"Are you worried about expressing your views in this course?"

"Do you think this course will be useful in life/profession?"

"Do you think members of the other political party are irrational?"

"Do immigrants contribute to U.S. society?"

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Its 1970

Buick   vs.   Datsun   Toyota   Honda

These are MOOCs.

Buick   vs.   Infiniti (Nissan)   Lexus (Toyota)   Acura (Honda)

1990

Price Diversity

$20,000-$50,000

FREE !??! $10,000 $250,000

MOOCs

MOOCs meet MBCs
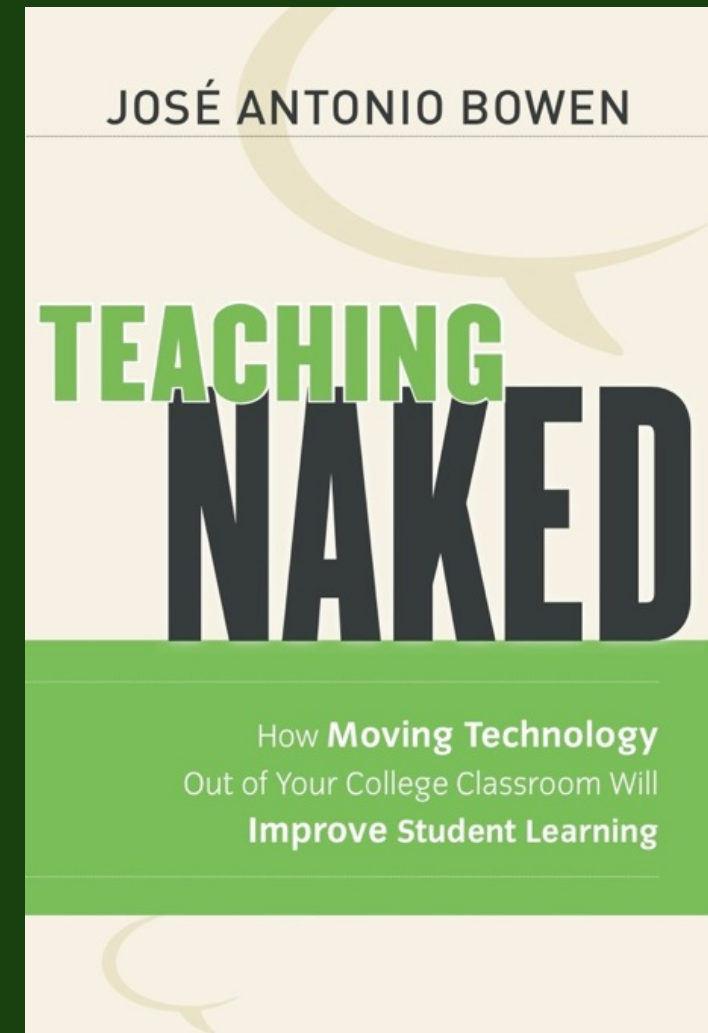
Massively Better Classrooms

Naked Classrooms

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Naked Classrooms

Naked Classrooms

New Technology Means

- **Thinking** is more important

- **Course design** is more important
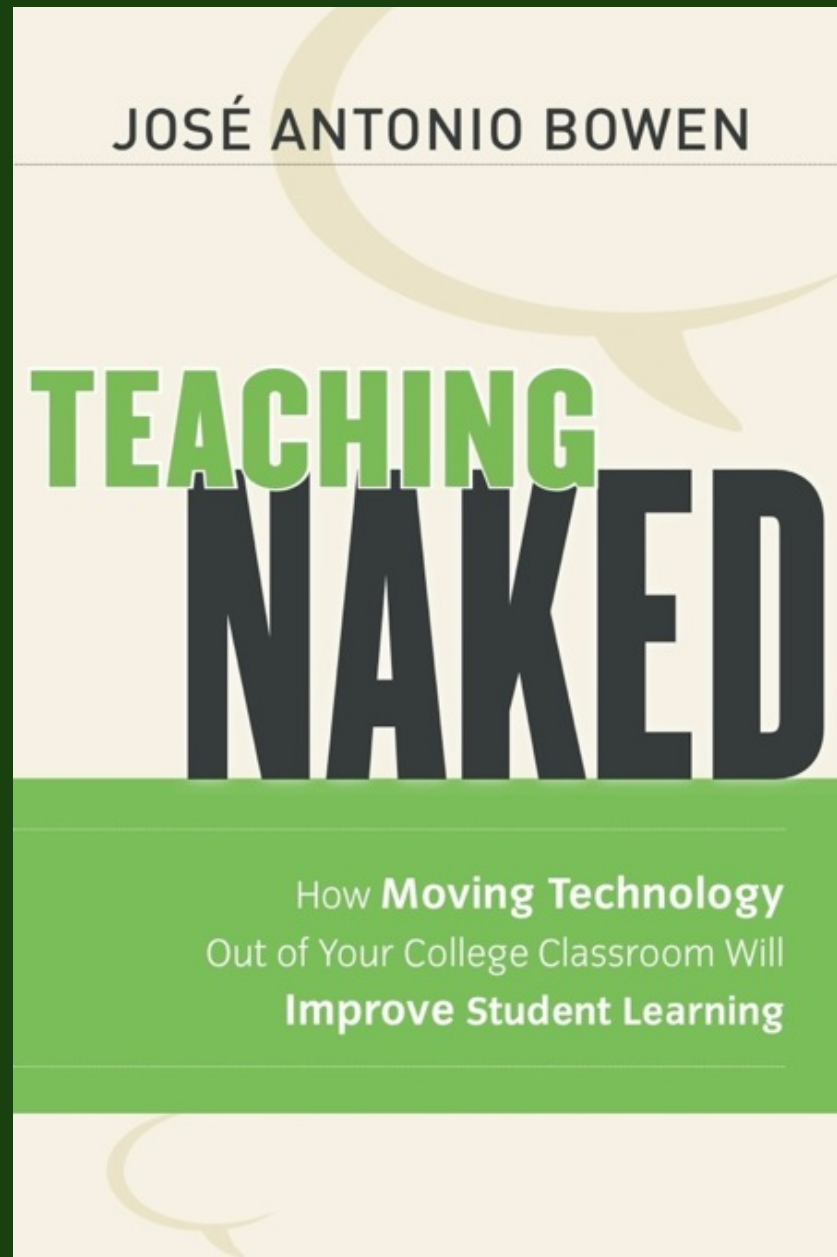
- **Integration** is more important http://

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Change a Mind

"get the soul out of bed" (Emerson)

"Education is not the filling of a pail,
but the lighting of a fire"

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Creating Value

PRODUCT

Curriculum + Integrate and Align Everything

Learning
Outcomes

BRAND

DATA

Unique Mission

Authentic Assessment
You are what you measure

Cognitive Wrappers

Reflect

How much time did you spend preparing?

What % of your time was spent

-thinking, reading, researching, drafting, editing?

-reading, doing problems, working in groups?

Compare:

Estimate the points you lost due to...

Adjust

What will you do differently next time?

Marsha C. Lovett, Carnegie Mellon University, "Make exams worth more than grades: Using exam wrappers to promote metacognition"

Who are you on Downtown Abbey?
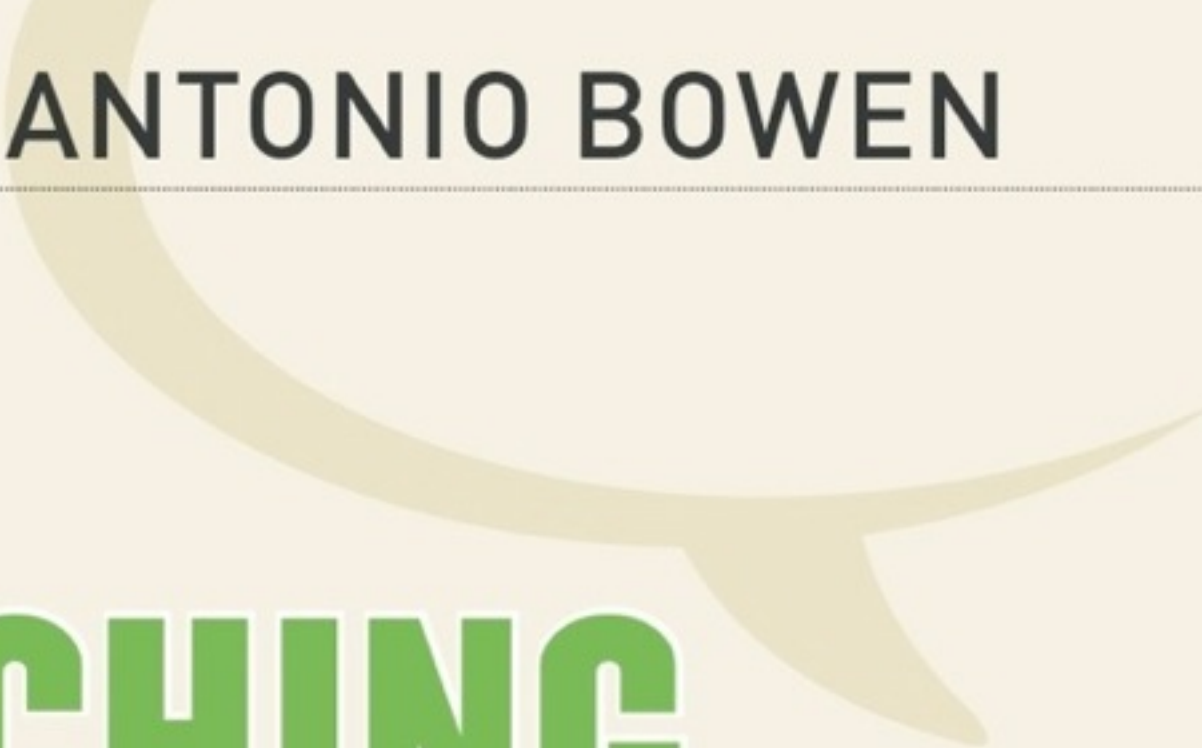
Learning Goals Employers Want

- Ethics (96%/76%)

- Intercultural Skills (96%/63%)

- Skills more important than major (93%/59%)

- Innovation (92%/51%)

- Complex Problem Solving (91%/57%)

- Critical Thinking (82% want more)

- Communication Skills (80% want more)

Hart Research Associates & Association of American Colleges and Universities, 2013
Numbers represent % of survey who reported the skill was important and very
important or answered agree and strongly agree.

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Questions

JOSÉ ANTONIO BOWEN

TEACHING NAKED

How **Moving Technology**
Out of Your College Classroom Will
Improve Student Learning

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Flipping, Wrapping and Integrating
Easy Tech for Better Prep and Rethinking Class Time

Technology is a tool, not a strategy

Student Success - Easy Places to Start

1. ## Focus - Fewer and Better SLOs/Articulate Emphasis

2. ## Transparency

3. ## Common Language - Critical Thinking/Mindful Learning

4. ## Rubrics - Break it Down

5. ## Conditional Instructions - Teach with Uncertainty

   "This could be…" vs "This is… or "How?" instead of "Is it possible?"

6. ## Communicate High Expectations and Support/Motivation

7. ## Online Office Hours Night before Assignments

8. ## One Podcast or Online Content

What could you do to foster CHANGE

in a naked class full of prepared students?

- Apply material to new contexts
- Enhance intellectual curiosity
- Challenge beliefs in discussion
- Reflect on significance of the material
- Connect ideas across disciplines
- Writing and editing
- Play games (http://reacting.barnard.edu/)
- Develop better questions
- Lecture (inspire) in IMAX
- Practice empathy and better listening
- Create a greater sense of wonder
- Studio and lab experiences

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