Emerging Insights on Learning and the Road Ahead

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Emerging Insights

Big Blend
Mobile Learning
Learning Resource Strategy
Emerging Learning Models
Importance of Non-Cog Factors
Data Science and Design Thinking
Completion Matters
Big Blend

- Gen X, Y & Z virtually always connected
- Gen Y 50% more likely to send IMs than Gen X
- Gen Y & Z are major mobile; Gen X big-time adopters
- Broadband Ubiquity
- Mobile Device Ubiquity
- Social Network Ubiquity
- From Fixed Media to Search Engines to Answer Engines
**Big Blend**

**Face to Face Infrastructure**
- Classrooms
- Lecture Halls
- Training Labs
- Locations
- Simulators
- Office Hours
- Library
- Open Space

**Online Infrastructure**
- Website
- Learning Mgt Systems
- Content Repositories
- MOOCs
- Social Networks
- Mobile Apps

**Activities**
- Lecture, Dialogic, Small Groups, Contextual Learning, Simulations, Learning Communities, i-BEST, Project-Based Learning, Self-Directed Learning, Blended Learning, Accelerated Learning, Competency-Based Learning
Big Blend
Mobile Learning
Learning Resource Strategy

HippoCampus

OER Commons

DIY U

Edupunks, Edupreneurs, and the Coming Transformation of Higher Education

Coursera

The Edupunks' Guide
To a DIY Credential

Cengage Learning
Learning Resource Strategy

Jane McGonigal: Gaming can make a better world

TED2010, Filmed Feb 2010; Posted Mar 2010
Learning Resource Strategy
Emerging Learning Models
Importance of Non-Cog Factors

• Purpose
• Engagement
• Mindset
• Tenacity
Who Gets to Graduate?

By PAUL TOUGH  MAY 15, 2014

‘We don’t prevent you from experiencing those bad things,’ Yeager explained. ‘Instead, we try to change the meaning of them, so that they don’t mean to you that things are never going to get better.’
Data Science and Design Thinking
DATA IMPACT MATRIX
BRINGING INSIGHT & ACTION TOGETHER

INTELLECTUALLY CURIOUS
ANALYSIS PARALYSIS

STUDENT SUCCESS
SCIENTISTS

STATUS QUO
 LOSING GROUND

BEST PRACTICISM
 RISKY BETS
Data Science and Design Thinking

INSIGHT APP

DELIVERED TO:
DECISION MAKERS, INSTITUTIONAL RESEARCH

ACTION APPS

DELIVERED TO THE FRONTLINES OF LEARNING:
ADMISSIONS, ADVISORS, FACULTY, STUDENTS
Visualize Degree Progress

Track Degree Planning Progress

Explore Degrees
Plan Courses

**Spring 2014**
- MATH 1342  3
- ENGL 1302  3
- HIST 1302  3
- HUMA 1301  3
- PSYC 2315  3
- **CREDITS**: 15

**Summer 2014**
- BIOL 1406  3
- SPAN 1511  4
- **CREDITS**: 16

**Fall 2014**
- SPAN 1512  4
- **CREDITS**: 4

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**Degree Progress**

- **24% Completed**
- **Completed**: 15
- **Registered**: 15

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**Foreign Language**

- **Spanish I**
  - SPAN 1511
  - **TERM**: Summer 2014
  - **Progress**: 4

- **Spanish II**
  - SPAN 1512
  - **TERM**: Fall 2014
  - **Progress**: 4
Explore Degrees

Select Degrees to Compare

Scarlett Jones
0123456
Psychology
AA – Catalog Year 2014
Advisor
Amanda McKinney
(512) 345-9876

Visually Compare Progress Toward Each Degree

View remaining credits and cost impact

Degrees

- Psychology
  - Catalog Year: 2013
  - Completed Percentage: 24%
  - Completed Requirements: 8
  - Registered & Remaining Requirements: 11
  - Remaining Tuition Cost: $3403

- Environmental Science
  - Catalog Year: 2013
  - Completed Percentage: 50%
  - Completed Requirements: 10
  - Registered & Remaining Requirements: 9
  - Remaining Tuition Cost: $2407
BUS 100: Intro To Business

Section #: BUS100003WA016-1136-001  Credit Hours: 4.5

Engagement Overview

Recommended Outreach

- 4 students have low attendance and low engagement
- 1 student has recently moved to 2 official absences
- 6 students have low discussion board responses and low engagement
Data Science and Design Thinking

RESEARCH & PRACTICE IN ASSESSMENT

BIG DATA AND LEARNING ANALYTICS

INSIGHT AND ACTION ANALYTICS: THREE CASE STUDIES TO CONSIDER

A journal article from Civitas Learning by Dr. Mark David Milliron, Laura Malcolm and David Kil | RPA Journal |
Completion Matters

What We Do

POSTSECONDARY SUCCESS
STRATEGY OVERVIEW

A physics lab at Central Piedmont Community College in Charlotte, North Carolina, which offers nearly 300 degree and certificate programs.

OUR GOAL: to ensure that all students who seek the opportunity are able to complete a high-quality, affordable postsecondary education that leads to a sustaining career.

The Challenge
Completion Matters
Completion Matters

• Critical Learning
• Creative Learning
• Social Learning
• Courageous Learning
Courageous Learning

“In times of drastic change, it is the learners who inherit the future. The learned usually find themselves equipped to live in a world that no longer exists.” --Eric Hoffer
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