Future-Ready Education: Preparing Students for the Challenges of Today and the Promise of Tomorrow
BIG TOMORROW

Your Key to a More Carefree Visit
Future-Ready Focus Areas

Next-Gen Build Out
Optimizing Learning Mix
Importance of Non-Cog Factors
Data Science and Design Thinking
Future-Ready Learning
Next-Gen Build Out

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
Still a virtual reality skeptic? Here’s why you shouldn’t be

By Ian Hetherington

The original PlayStation console, launched when I was the managing director of Sony Computer Entertainment for Europe, shook the gaming world. The 3D environment was unfamiliar to most players.
Next-Gen Build Out

It's your world, explore it.

La Conciergerie in Paris, France is located on an important site which once formed the seat of the city's Roman leaders during their occupation of Gaul. La Conciergerie itself originally formed part of thirteenth century Palais de Justice, the royal palace built by King Philip IV. It served this role until the 1350's, when the French royals moved to the Louvre.

As it ceased being used as a royal

Follow us:

Publishers: Get included in Field Trip!
Now available on Glass

"It's a life changer" - Today Show
"Discover something new" - Scratch Wireless
Next-Gen Build Out

GET UP AND GO

Catch Pokémon in the Real World with Pokémon GO!

AVAILABLE NOW

Download on the App Store
Get it on Google Play
Next-Gen Build Out
Optimizing Learning Mix

Education That Works for You

Explore degrees & programs at WGU
Read about WGU in the news
Apply for admission to WGU

The death of “online” learning in higher ed

As technologies become ubiquitous, familiar labels will vanish

By Craig Weidemann and Karen Polaia — University Business, March 2016

Online learning has expanded dramatically over the past two decades, reaching a high of more than 5 million enrollments in 2013. While that expansion has slowed recently, it still far exceeds overall growth in higher education.

The growth of Penn State World Campus has mirrored this trend, consistently outpacing annual projections. What started as a portfolio of just five online programs and 43 students in 2012 now includes more than 25,000 students in 140 different programs.
Optimizing Learning Mix
Optimizing Learning Mix
10 Positive Emotions

10. Joy
9. Relief
8. Love
7. Surprise
6. Pride
5. Curiosity
4. Excitement
3. Awe & Wonder
2. Contentment
1. Creativity
Importance of Non-Cog Factors

• Purpose
• Engagement
• Mindset
• Tenacity
Importance of Non-Cog Factors

The two most important days in your life are the day you are born, and the day you find out why.

-Mark Twain
Importance of Non-Cog Factors

MINDSET

Texas Two-Step.
1. Work Hard  2. Succeed

WGU Texas
texas.wgu.edu
Importance of Non-Cog Factors
Importance of Non-Cog Factors

FAMOUS FAILURES

ALBERT EINSTEIN
He wasn’t able to speak until he was almost 4-years-old and his teachers said he would “never amount to much”

MICHAEL JORDAN
After being cut from his high school basketball team, he went home, locked himself in his room, and cried.

WALT DISNEY
Fired from a newspaper for “lacking imagination” and “having no original ideas,”

STEVE JOBS
At 30-years-old he was left devastated and depressed after being unceremoniously removed from the company he started.

OPRAH WINFREY

THE BEATLES

FIGURE 2.1
A Hypothesized Model of How Five Noncognitive Factors Affect Academic Performance within a Classroom/School and Larger Socio-Cultural Context
Data Science and Design Thinking
DATA IMPACT MATRIX
MOVING UP AND RIGHT

INTELLECTUALLY CURIOUS
Analysis Paralysis

STUDENT SUCCESS
Scientist
Student Success Platform

STATUS QUO
Losing Ground

BEST PRACTICISM
Risky Bets
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
- SPAN 1512  4

CREDITS 16

Fall 2014

CREDITS 4

Degree Progress

- Foreign Language

COURSE   GRADE   TERM   PROGRESS
---   -------   ------   ------
Spanish I  SPAN 1511  Summer 2014  4
Spanish II  SPAN 1512  Fall 2014   4

24% Completed

Completed 15
Registered 15
Select Degrees to Compare

Visually Compare Progress Toward Each Degree

View remaining credits and cost impact
Helping Students Create The Perfect Class Schedule Since 2005

Watch Our Video
Scarlett is an **online, undergraduate student**.

### Intervention (10)

- **GPA (Prior Term)**
- **First Online Course**
- **Average Number of Discussion Board LMS Activities (Weekly)**
- **Time Spent in Course Content**
- **LMS Grade Average**

### Inspiration (2)

- **Terms Completed**
- **Financial Aid Recipient (Current Term)**
Hi Sam,

I can see that you are really engaged in my course. The effort you are showing is so important for success. You, and others, struggled with the last exam but I know you can do it and I am here to help. Can we schedule a half hour to connect?

Dr. Rees
Professor of Psychology
These are the currently active initiatives at your institution that have had the biggest impact (positive or negative) on persistence.

**Writing Center**
- New student services offering available to any student. Peer mentors and teaching assistants are available on a drop-in basis for questions and advice about writing assignments and related work.
- Lift in Persistence: +2.7%

**Flipped Classroom Pilot**
- New lecture model implemented for select Computer Algorithms course sections taught by full-time faculty with more than 5 years of teaching experience. Lectures are delivered online and class time is devoted for lesson and homework questions.
- Lift in Persistence: +2.4%

**Math 150A Course Redesign**
- Redesign of all Math 150A course sections to better serve the needs of DEV students, who make up most of the Math 150A section enrollments. Goal is to improve persistence as well as successful course completion in both Math 150A and the following math course.
- Lift in Persistence: +2.2%

**Inspire for Faculty Pilot**
- Pilot of Inspire for Faculty. Randomly selected sections of Intro to Online Learning were selected to participate in the pilot.
- Lift in Persistence: +1.6%

**College Success Course**
- Introductory course offered to new incoming freshmen to prepare students for the college experience and improve freshmen persistence and graduation rates. Pass/fail only.
- Lift in Persistence: +1.2%

**Math Tutoring Office Hours**
- Drop-in tutoring for select sections of Math 150, Math 250, and Math 350 courses offered to enrolled students.
- Lift in Persistence: -0.6%
TURN ON YOUR OWN LIGHTS
DEVELOP TRY AND TEST MINDSETS
ACCEPT ANALYTICS AS MISSION CRITICAL
USE DESIGN THINKING ON THE FRONT LINES
CATALYZE CONVERSATIONS ABOUT ANALYTICS
TAKE SYSTEMS & CULTURE SYNC SERIOUSLY
LEAD IN THE AGE OF ANALYTICS

Seven Strategies
Future-Ready Learning
Future-Ready Learning

- Critical Learning
- Creative Learning
- Social Learning
- Accelerated Learning
- Courageous Learning

That 'Useless' Liberal Arts Degree Has Become Tech's Hottest Ticket

*This story appears in the August 17, 2015 issue of Forbes.*
"... it is easier than ever to be a maker (try 3-D printing) or a breaker (the Islamic State excels at using Twitter) but harder than ever to be a leader or merely average."
Future-Ready Focus Areas

Next-Gen Build Out

Optimizing Learning Mix

Importance of Non-Cog Factors

Data Science and Design Thinking

Future-Ready Learning