E-Learning and Student Success: How do you measure up?

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UNCOMMON THINKING FOR THE COMMON GOOD
EDUCAUSE Benchmarking Service Beta
EDUCAUSE Benchmarking Service Beta

EDUCAUSE E-Learning Maturity Index
Stop Guessing. Start Making Data-Driven Decisions.

Core Data Service
IT financials, staffing, and services

EDUCAUSE Benchmarking Service BETA *(Coming in early 2016!)*
Reports you can use to communicate the value of IT to non-IT leaders.

Use benchmarking to inform IT planning and support for strategic initiatives.
[educause.edu/research]
1) Build reports with customized peer groups on demand
2) Benchmark maturity and technology deployment
3) Receive recommendations for improvement
E-Learning Maturity Index

by Carnegie Class

5. Optimized
4. Managed
3. Defined
2. Repeatable
1. Absent/ad hoc

2014 EDUCAUSE Core Data Service
E-Learning Maturity Index

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2014 EDUCAUSE Core Data Service
E-Learning Maturity
(All Non-specialized US Institutions)

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- Governance, Security, and Accessibility
- Analytics
- Engagement
- Priority
- Operational Effectiveness

2014 EDUCAUSE Core Data Service
LIV GJESTVANG
Office of Distance Education and eLearning
The **Digital First mission** is to inspire innovative instruction through emerging technology.
Wireless Transformation expanded access to 3 devices per seat in academic corridor
Digital Unions inspiring creativity and collaboration among faculty, students and staff
multimedia PRODUCTION
Innovative Spaces
Supporting faculty in active learning pedagogies
Tech HUB
Learning TOOLS

carmen COURSES

carmen WIKI

carmen CONNECT

U.OSU

mediaSITE

ODEE events
ITUNES U

- Reach a global audience
- Provide supplemental course materials
- Prepare students for college
12 MOOCs are currently available with an additional 4 in development.

- 700,000+ students enrolled
- 12,000+ Statements of Accomplishment issued
- 2,000+ hours of ODEE time spent developing MOOCs
- 60+ conference sessions, presentations, articles, and interviews
- Two peer-reviewed publications
You're the Driver

It might be helpful to start this book with a good, clear definition of leadership. Right?

It's the thing about leadership—no, it's not the thing. It's about leadership. Instead, start building your knowledge by considering these basic components: learning about yourself and others, setting goals, communicating, and making plans. By the end of this leadership journey, you'll be clearer on creating a meaningful definition for yourself.

Understanding yourself, and being comfortable with who you are, is an important step in becoming a leader. Every person is unique, with their own beliefs, ideas, values, and skills. You are no exception! Have you ever taken some time just to think about who you are?

Figure 1.7 Young Supernova Remnants

Campanula s, a 320-year-old supernova remnant, imaged with the Hubble Telescope, X-ray, and gamma-ray detectors, highlighting evaporating gas and phlegm dust. NASA/ESA/STScI/Space Telescope Science Institute

Figure 1.8 Old Supernova Remnants

Vul Nebula, part of the Cygnus Loop, imaged with the Hubble Telescope. NASA/ESA/Hubble Collaboration

You're the Driver

Learning Outcomes

2.1 Intro
2.2 Core
2.3 9 Pillars for CTS
2.4 The Pillars Unleashed

Making Connections

Poa annua, annual bluegrass (WA, SA)
- Linear (margins parallel) leaves
- Membranous, long, and pointed figure
- Boat-shaped leaf tip
- Inflorescence: panicle

Brow’s Fun Facts
- It’s the one that’s in your yard
- Callus in leaf just before boat shaped tip
Environmental Science Bites

By Kylienne Clark | Travis Shaul | Brian Lower

This book was written by undergraduate students at The Ohio State University (OSU) who were enrolled in the class Introduction to Environmental Science. The chapters describe some of Earth’s major environmental challenges and discuss ways that humans are using cutting-edge science and engineering to provide sustainable solutions to these problems. Topics are as diverse as the students, who represent virtually every department, school and college at OSU.
digital BOOKSTORE

- Launched December 2013
- Sold over 5,500 books to date
- saved students $500,000
- $70K in proceeds
REGISTERED NURSE TO BACHELOR OF SCIENCE IN NURSING
COLLEGE OF NURSING

The Registered Nurse to Bachelor of Science in Nursing program provides the academic foundation for graduates to keep pace with change, as well as to set the pace for the profession of nursing. Graduates of the RN to BSN program will be prepared to work in a variety of healthcare settings and have the foundation to pursue graduate degrees in nursing. This program is...

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COLLEGE OF ENGINEERING

Ohio State's Welding Engineering Program has a long history of supplying top-notch welding engineers to the worldwide manufacturing community. In order to expand the availability of a Welding Engineering education to a wider audience, an online M.S. Welding Engineering degree program was established in 2003. This program is designed for individuals who are working in...

LEARN MORE

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COLLEGE OF NURSING

The Master of Science in Nursing program prepares graduates for advanced practice nursing in a variety of clinical settings ranging from private practice, clinics, hospitals and businesses to managed care organizations and governmental agencies. Students acquire knowledge, values and skills through coursework, clinical experience and research. Graduates of the program are...

LEARN MORE

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COLLEGE OF DENTISTRY

The College of Dentistry has developed a curriculum to prepare students for careers in dental hygiene education and leadership. The MDH program focuses on individualized educational and field experiences, combined with a substantive core curriculum gives dental hygienists the knowledge and experience to teach in a dental hygiene program. This program is designed for...

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Economics 2001.01
English 1110.01
History 2201
Math 1116
Math 1151
Math 1152
Political Science 1100
Psychology 1100
Statistics 1450
Digital PEDAGOGY

Browse the topics or search for something specific.

Access videos, articles, FAQs

Workshops on-demand, in-person, virtual
Theory to **PRACTICE**

At Ohio State, we practice what we preach. The best way to show the power of technology is to teach with it.

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**iPads in Education**
by The Ohio State University

To subscribe to an iTunes U course, click View in iTunes.

**Course Description**

Looking to deploy iPads at your institution? This course provides information and resources to help you make informed decisions on apps, device management, and more. iPad inspires creativity and hands-on learning with features you won’t find in any other educational tool — on a device that students really want to use. Powerful apps from the App Store like iTunes U and iBooks let students engage with content in interactive ways, find information in an instant, and access an entire library wherever they go. And now with iPad mini, even more students can get their hands on iPad.

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Innovate Conference

May 11, 2016
Learning + Tech x \{\text{the walrus}\} = AWESOME.
Collaborating to improve learning experiences by providing an environment built on collaboration, data, standards & scale
CollegeReady OHIO

OUR FOCUS:

• creating open digital content
• training teachers in digital pedagogy
• mobile 1:1 deployment
• dual enrollment
• state focus, global reach

10 Districts
20,000 students
$13.5M in funding
affordable LEARNING

“Education transforms lives, but only if we can deliver on our promise of access to an excellent and affordable education.”

— Michael Drake, President, The Ohio State University

AFFORDABLE LEARNING EXCHANGE

59% of students have had to wait for their financial aid check to purchase textbooks
(University of Minnesota student association)
affordable LEARNING
IMPACT:

- Direct savings to students
- 17 grants, $1 million in savings
- Communications, Computer Engineering, Economics, Education, English, Geography, Math, Molecular Genetics, Psychology, Spanish
President’s T&L INSTITUTE
Discussion

What is the **obstacle** keeping you from the next maturity level for this dimension?

Where you have had **success** in this dimension?
Governance, Security, and Accessibility

- Types of items
  - Effective decision-making about e-learning
  - Student identity verification
  - Alternate technologies for accessibility

- Recommendations
  - Establish governance structure
  - Develop e-learning policies and guidelines
Engagement

- Types of items
  - Training for students, faculty, and staff on e-learning technology
  - Evaluate new e-learning technology
  - Faculty involvement

- Recommendations
  - Include faculty in selecting and implementing new technology
  - Ensure users learn the technology
Priority

- Types of items
  - Senior position for e-learning management
  - E-learning is an investment and priority
  - Faculty are rewarded for online courses

- Recommendations
  - Share success stories from other institutions
  - Identify strategic initiatives that e-learning is meant to address

E-Learning MI
Discussion
Operational Effectiveness

- Types of items
  - Reliable, mission-critical e-learning technology
  - Centralized e-learning services
  - Adaptable and scalable e-learning services, programs, and technology

- Recommendations
  - Centralize e-learning for greater efficiency
  - Establish an e-learning roadmap
Analytics

- Types of items
  - Measuring efficacy of e-learning courses
  - Measuring e-learning progress toward strategic goals

- Recommendations
  - Identify goals for efficacy and strategic progress
  - Choose metrics to track progress
Discussion Questions

- What is the obstacle keeping you from the next maturity level for this dimension?

- Where you have had success in this dimension?
EDUCAUSE Student Success Maturity Index
Student Success Maturity Index

by Carnegie Class

US Non-specialized

MA Pub
3.6

MA Priv
3.6

DR Pub
3.5

DR Priv
3.8

AA
3.8

BA
5.0

1. Absent/ad hoc
2. Repeatable
3. Defined
4. Managed
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2014 EDUCAUSE Core Data Service
Student Success Maturity (All Non-specialized US Institutions)

Leadership and Governance

Collaboration and Involvement

Advising and Student Support

Process and Policy

Student Success Analytics

Information Systems

2014 EDUCAUSE Core Data Service

- 5. Optimized
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Leadership and Governance

- Types of items
  - Leadership commitment to student success
  - Decision-making body for student success initiatives
  - Financial support

- Recommendations
  - Find a champion
  - Raise the profile of governing body
Collaboration and Involvement

- Types of items
  - Cross-institutional involvement
  - Consistent definitions
  - Goals are understood and communicated

- Recommendations
  - Establish cross-departmental committees
  - Communicate goals and definitions broadly
Advising and Student Support

- **Types of items**
  - Faculty adoption of student success systems
  - Advising, tutoring, and mentoring support student success goals

- **Recommendations**
  - Identify and reach out to at risk students
  - Encourage use of student success technologies
Process and Policy

- Types of items
  - Policies for access and use of student data
  - Clearly documented degree requirements
  - Adaptable student success efforts

- Recommendations
  - Review policies and requirements to ensure they are clear and well understood
  - Assess and realign efforts periodically
Information Systems

- **Types of items**
  - Student success technologies in place
  - Effective data sharing
  - Users are trained

- **Recommendations**
  - Implement or upgrade early-alert and advising systems
  - Invest in data-sharing initiatives
  - Encourage and facilitate system use
Student Success Analytics

- Types of items
  - Outcomes identified
  - Appropriate data available to monitor and predict
  - Data are used to make decisions throughout the institution

- Recommendations
  - Invest in analytical expertise
  - Create forums for faculty users to share success stories
Discussion Questions

- What is the **obstacle** keeping you from the next maturity level for this dimension?

- Where you have had **success** in this dimension?
Thank you!

For more information:

EDUCAUSE Benchmarking Service Beta

benchmarking@educause.edu