

Welcome to Teaching + Learning Tuesdays

November 19, 2019

2:30 PM

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Teaching + Learning Tuesday



About the Presenters



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OER 2.0

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Dean of Instructional
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LMS Admin, PTC

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Dean of Engineering and
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OER @ PTC

- Over 360 course sections using free or low cost materials for Fall 2019.
- Average savings of over \$500,000 per semester.
- 93% of PTC students surveyed indicated they prefer learning using open educational resources.

Getting Started

You have to start somewhere

Our three-phase approach





Phase 1: Education

Our first step was educating faculty about OER: its benefits and where/how to get started.

Faculty Training



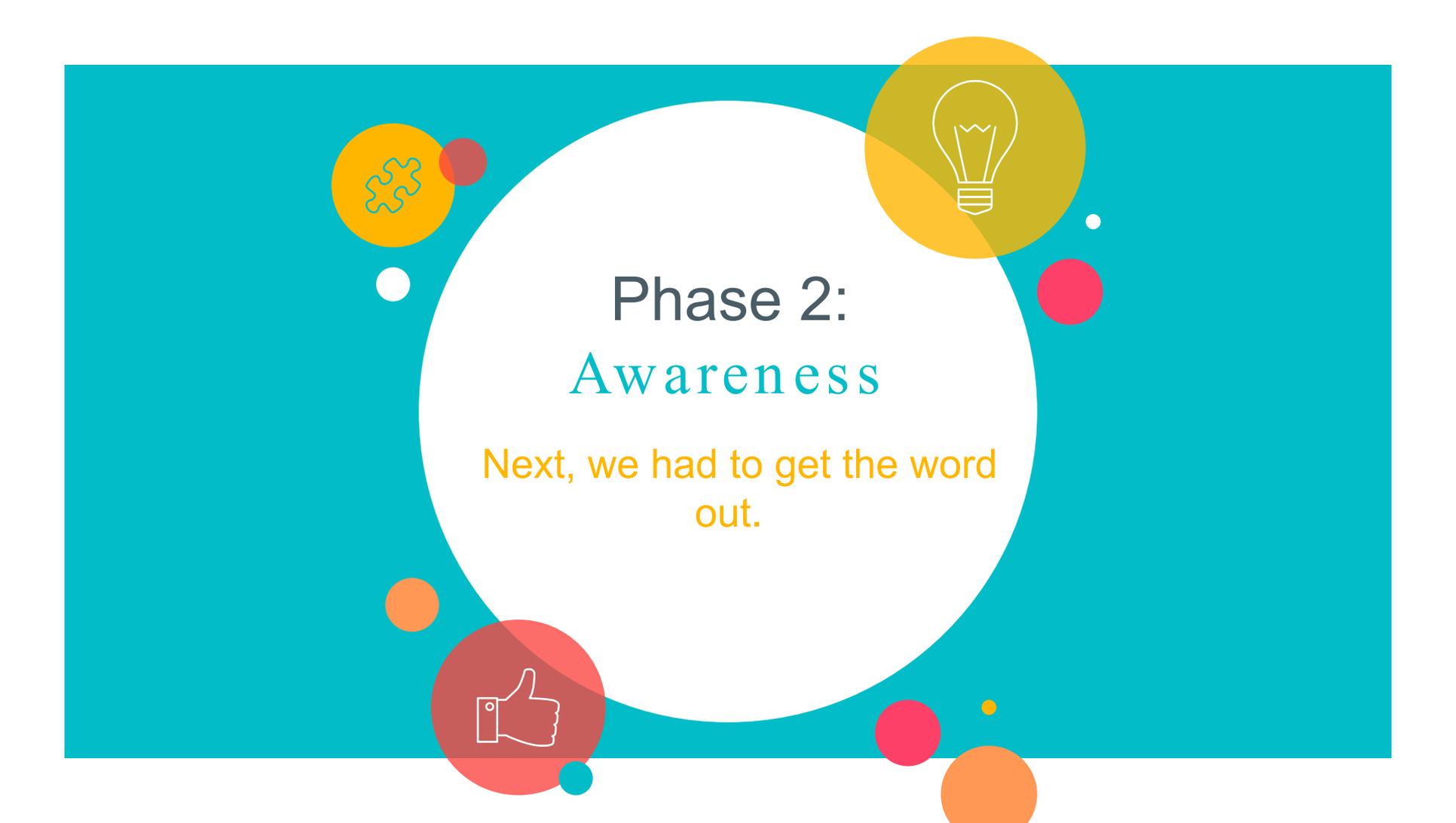
“The College supports the utilization of OER to improve student success through widespread access and affordability, ensuring that each student has the opportunity to attain his or her fullest potential”



OER Committee

Support and Promote OER Adoption
(Campuswide)

- Library
- Online Learning
- Arts and Sciences
- Engineering/Industrial
- Information Technology
- Institutional Effectiveness
- Healthcare
- Academic Affairs
- County Campuses
- Instructional Design



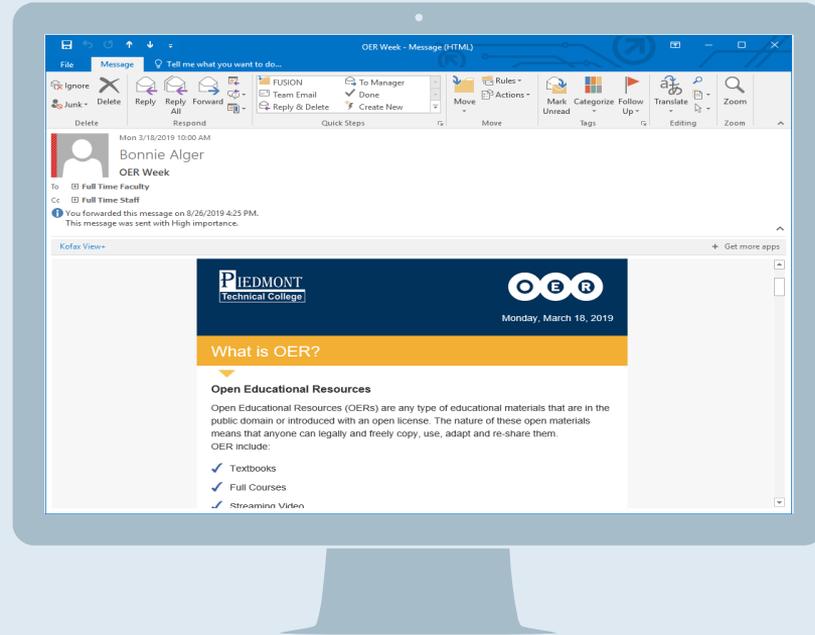
Phase 2: Awareness

Next, we had to get the word
out.



OER Week

- Daily Email Newsletters
- Trivia Contest
- On-Campus Events
- OER Viewing Party





Phase 3: Incentives

Our last step was offering faculty some incentive to build the project.

SUPPORT



Faculty

- Stipends \$1500 per course
- Course releases
- Recognition and awards

Technology

- H5P
- Video cameras
- Video editing software



What inspired you to transition to Open Educational Resources?

"A great variety of OER resources allows for infinite creativity in designing online and live courses. The instructor is no longer limited to teaching what is in the textbook but can pick and choose sources that work best for his/her students."

~Katya Terry





"Like much of the work we do in this business, we may never know the full extent of the positive effect this effort will have on our students. Even so, I believe with my whole heart that this is good work and it is worth doing!"

~Dr. Jack Bagwell, VP Academic Affairs



What now?





Living History

About this Project :

16

Students from sections of United States history have worked to compile these interviews with individuals from their families and communities. Their stories help weave American history together for us as we honor their experiences and build stronger relationships. We hope you'll enjoy learning from them, too! Projects are published on a blog for the college community to read and enjoy.

**“Raymond Vandiver’s
Account of Life
During the Vietnam
War”**

**“Missing Death’s
Call: A 911 Short
Story”**

**“James Harrison Young’s
Account of Life As a Civilian
During the Vietnam War”**





“We’ll include local history like why Ninety Six is an important battle in the American Revolution or the fact that during World War II we had German prisoners of war here in Greenwood County. People don’t realize that. It makes history come alive for students whereas information like that might be excluded from a standardized textbook.”

~CamiWestall, History Instructor



OER 2.0



Creating a Community of Learners

- Free Courses– Everything from Test Prep, to study skills, to basic computer skills.
- TEAS PREP (Meeting a Need)
 - Procedural Information
 - How to Prepare
 - Avoiding Stress
 - Videos

What is your favorite aspect of your OER course?

"My favorite part of the course is that students don't need to go anywhere but the course shell in D2L to obtain the materials they need."

~Menka Brown

Department Head, Business/Administrative Office Technology; Instructor, Administrative Office Technology





“Our lessons, units, and courses should be logically inferred from the results sought, not derived from the methods, books, and activities with which we are most comfortable. Curriculum should lay out most effective ways of achieving specific results. In short, the best designs derive backward from the learnings sought.”

Wiggins, Grant, and McTighe, Jay. (1998). Backward Design.
In *Understanding by Design*





Backward Design of Curriculum

1

Identify Desired Results

- What will students be able to do by the end of the lesson, module, or unit?

2

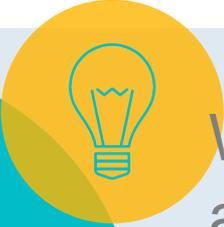
Determine Assessment Evidence

- How will students demonstrate what they have learned?

3

Plan Learning Experiences & Instruction

- What types of activities, materials and resources will lead students to the desired results?
- 



Unlocking Unlimited Potential

What will the student know and be able to do, in general, by the end of the course, **independent** of the activities and texts used?

What evidence is there of such abilities?

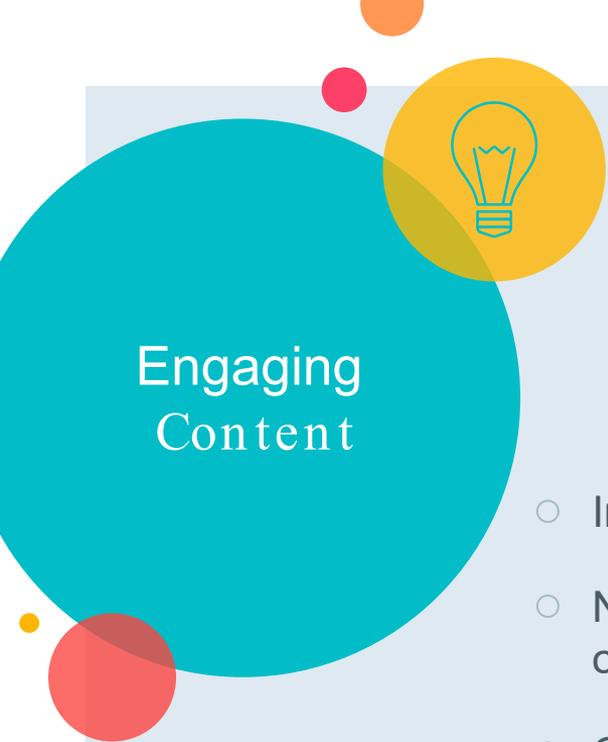
Which texts, activities, and methods will best serve the desired results?

1st

2nd

last





Engaging Content

Additional Benefits of OER: College Preparatory and Transitional Studies (Redesigned Reading Course)

- Interactive reading assignments within D2L.
- No need for students to access multiple online platforms to complete work.
- Cost savings, student engagement, personalization, and current/relevant materials.



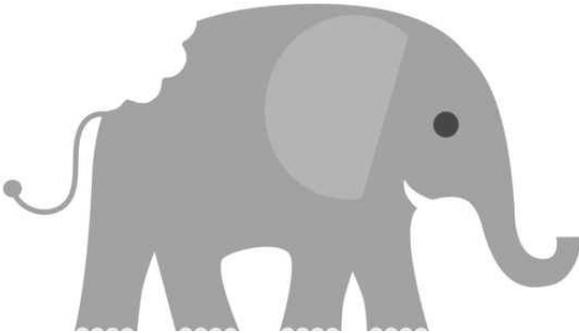
Health Care Case Study



The challenge of finding content for the applied areas

HOW DO YOU EAT AN ELEPHANT?

ONE BITE
AT A TIME



Students as Content Creators

=

Deeper Learning

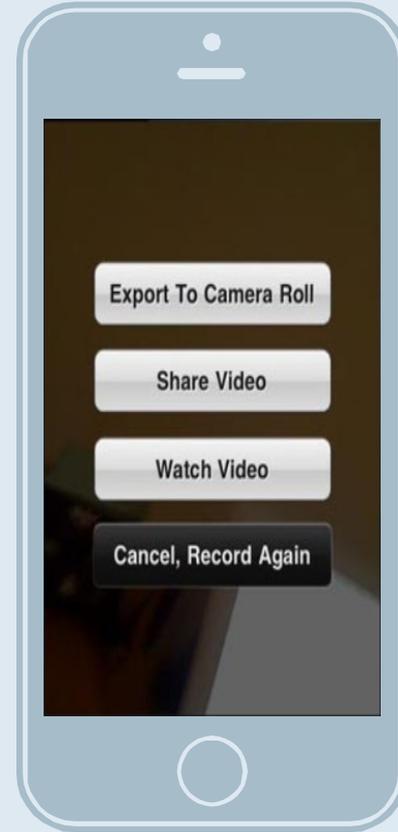
- Construct knowledge
- Meaningful learning experiences
- Authentic assessment
- Demonstrate knowledge
- Integrated into memory
- Collaborative

Encourages students to use analysis, creativity and communication, ultimately resulting in a higher level of cognitive engagement. ~ Bonnie Alger



Renewable Assignments

- Video tutorials
- Collaborative projects and presentations
- Teach it to a 7 year old
- Collaborative notes
- Study aids/Study guides
- Digital flash cards
- Written reflections





H5P & Video Scenarios

- H5P allows faculty and students to create engaging activities and interactive videos.
- Video scenarios with quizzes layered on top.
- Choose your own adventure style content.
- Adding game elements to course content.



How has your experience been with OER?

"Honestly, it has been a lot of work. Since I am still fairly new and we just changed curriculum, I am still in the process of building content for all other courses we teach as well. However, it gives me much more satisfaction knowing I am building and using content I gathered and put in order, rather than using content and resources put together by a publisher."

~Bill King

Instructor, Automotive Technology



VR/AR & Multi-Purpose Lab



- VR/AR Equipment
- Software for variety of courses across multiple programs
- Scheduled usage for optimum utilization
- Coding capability to develop VR/AR content



Student Centered



Questions?

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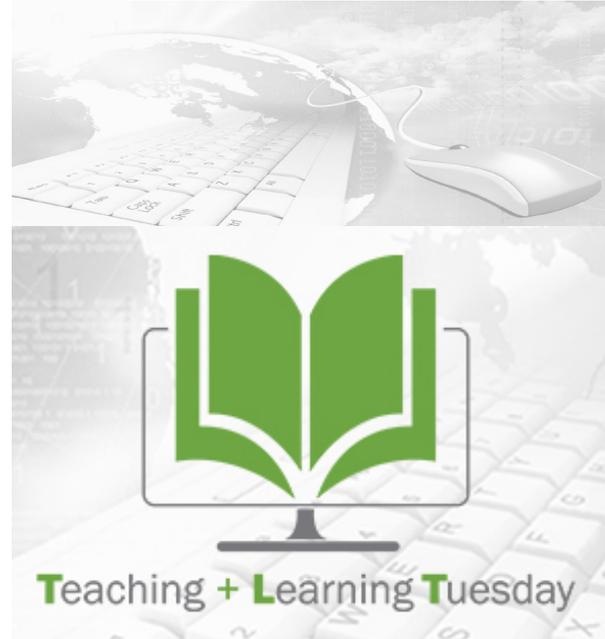
Upcoming TLT Sessions

- December – No TLT (Enjoy the holidays!)
- January 21, 2020 – State of the Division (SCTCS Academics, Student Affairs, and Research Division)

Want to showcase your expertise? Is there a teaching technique that has been effective in the classroom? Apply to be a TLT presenter!

For more information and full schedule:

www.sctechsystem.edu/tlt



Give us your feedback

<https://www.surveymonkey.com/r/Nov19TLT>

