Virginia Open Education

The Z-Degree and Open Educational Resources at TCC

Introduction

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TIDEWATER COMMUNITY COLLEGE
From here, go anywhere.™

Presentation Plan

- Introduction to OER
- TCC Z-Degree
- Pathways
- Successes and challenges
- Next steps
- Q&A

Introduction to OER

"OER are teaching, learning, and research resources that reside in the public domain or have been released under an intellectual property license that permits their free use and re-purposing by others. Open educational resources include full courses, course materials, modules, textbooks, streaming videos, tests, software, and any other tools, materials, or techniques used to support access to knowledge."

-William and Flora Hewlett Foundation

CC Licenses

THE LICENCES

FREE CULTURAL WORKS

ATTRIBUTION
Can someone use my work to make money? ✓
Can someone change my work? ✓

ATTRIBUTION-NONCOMMERCIAL
Can someone use my work to make money? ✗
Can someone change my work? ✓

ATTRIBUTION-NONCOMMERCIAL-NODERIVS
Can someone use my work to make money? ✗
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ATTRIBUTION-SHAREALIKE (MUST ALSO BE LICENSED BY-SA)
Can someone use my work to make money? ✓
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ATTRIBUTION-NODERIVS
Can someone use my work to make money? ✓
Can someone change my work? ✗

ATTRIBUTION-NONCOMMERCIAL-SHAREALIKE (MUST ALSO BE LICENSED NC-BY-SA)
Can someone use my work to make money? ✗
Can someone change my work? ✓

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The TCC Z-Degree

- In August 2013, TCC became the first accredited college in the U.S. to offer an Associate of Science degree allowing students to expend $0 on textbooks
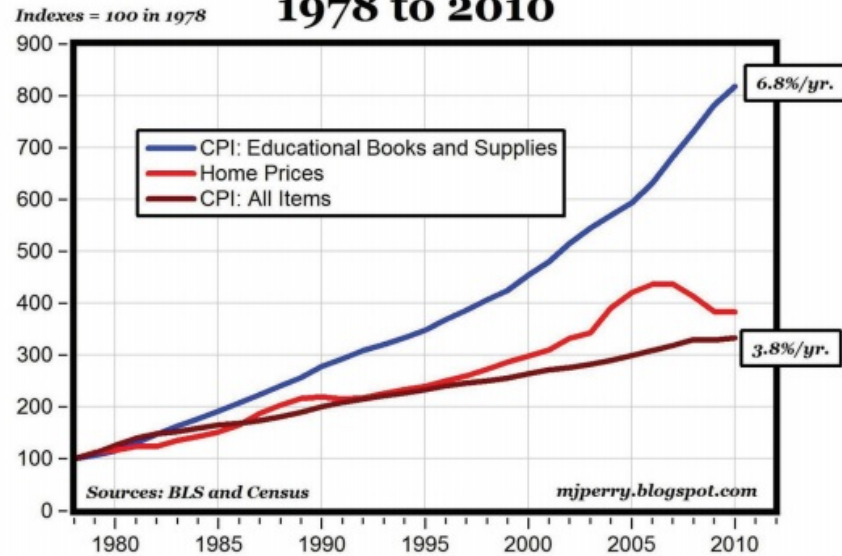
TCC Z-Degree goals

- Reduce financial barriers to access
- Focus OER content on course learning outcomes
  - Continuous improvement

CPI: Educational Books and Supplies vs. Home Prices vs. CPI: All Items 1978 to 2010

The cost of college textbooks has risen 812 percent since 1978, more than the rates of inflation, health care, new home prices, and college tuition. (Kingkade, 2013)

More and more, college students are unable to afford their textbooks, and as many as 70 percent of students have reported avoiding buying at least one textbook for their courses. A recent survey at Old Dominion University in Norfolk revealed that nearly one in five ODU students are attending classes without the benefit of textbooks (*The Virginian-Pilot*, Dec. 30, 2013). Not surprisingly, these students do not do as well academically (Rethink).

Z-Degree Pilot – hypothetical savings

Student Savings

Pilot Semester	Sections	Completers	Savings
Fall 2013	17	386	$38,600.00
Spring 2014	25	579	$57,900.00
Summer 2014	7	96	$9,600.00
Fall 2014	26	572	$57,200.00
Spring 2015	39	892*	$89,200.00
	115	2,525	$252,500

* Current enrollment spring semester 2015

Z-Degree reduces cost by 25%

Tidewater Community College's "Z-Degree" Program:
Impact of OER on the Total Cost-of-Degree

|	Z-Degree	Traditional Degree	Difference
Textbook Cost*	$0	$2,400	25%
TCC In-State Tuition (61 credits)	$9,600	$9,600	Z-Degree shaves a quarter from the total cost-of-degree

*Average cost estimate of $1,200 per year from The College Board, "Trends in College Pricing, 2013-2014"
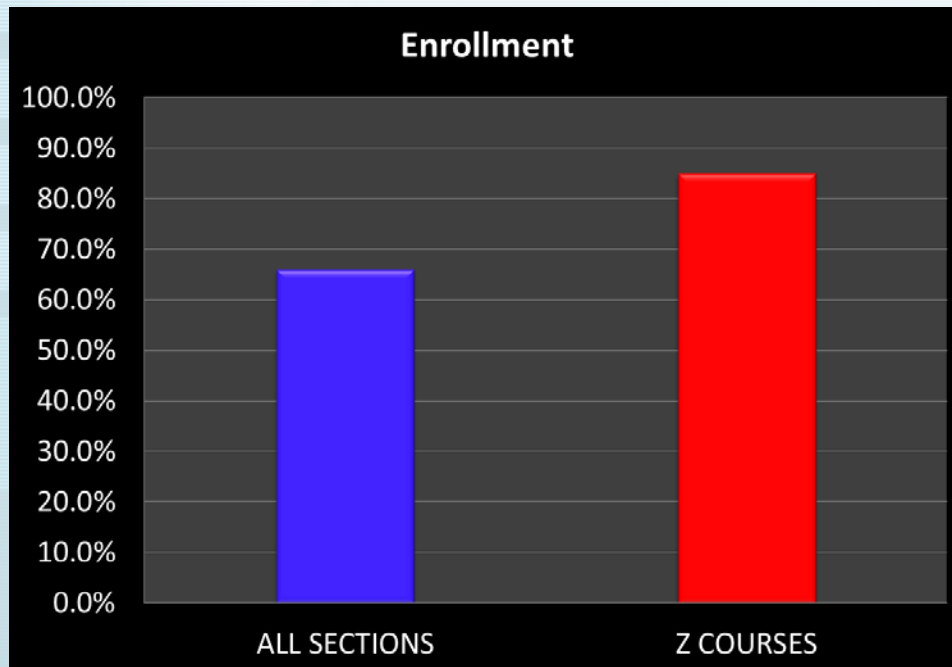
Textbooks and taxpayers

Tidewater Community College Textbook Sales
(Summer 2013, Fall 2013, Spring 2014)

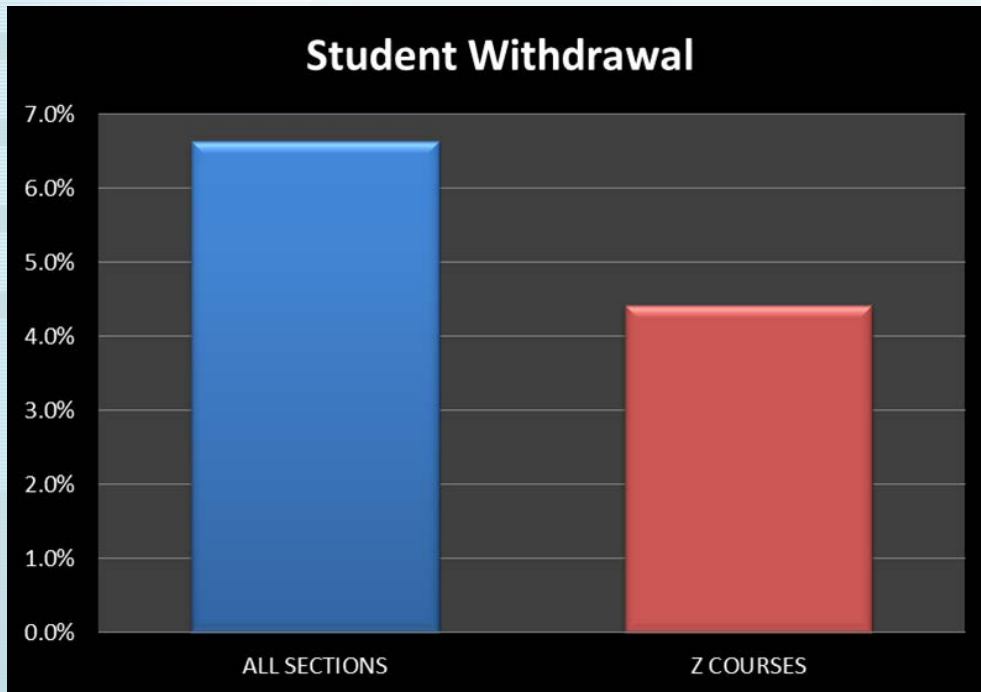| Total Sales	Financial Aid Funded Sales
$1,437,486	$621,216
$5,655,658	$3,764,375
$4,881,408	$3,230,084
$11,974,552	$7,230,675

39.62%

60.38%
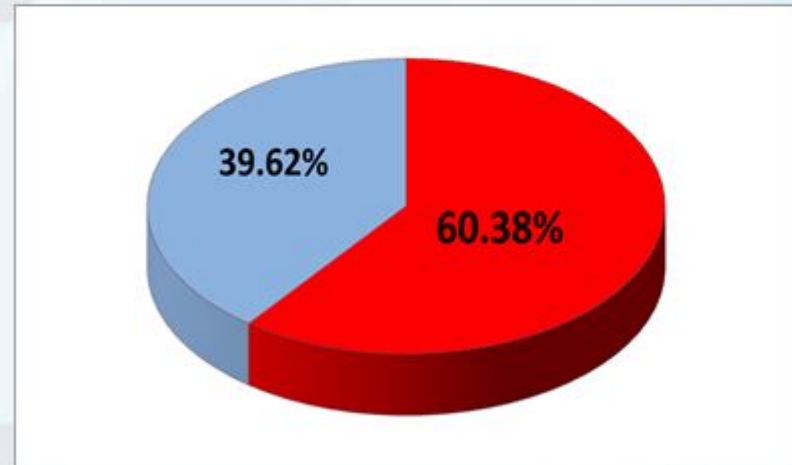
Z-Course enrollment rate

Enrollment as a percentage of course capacity

No marketing

Z-Course withdrawal rate

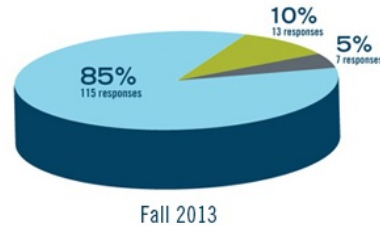Percentage of withdrawals by the tuition refund deadline

Z-Course success rate
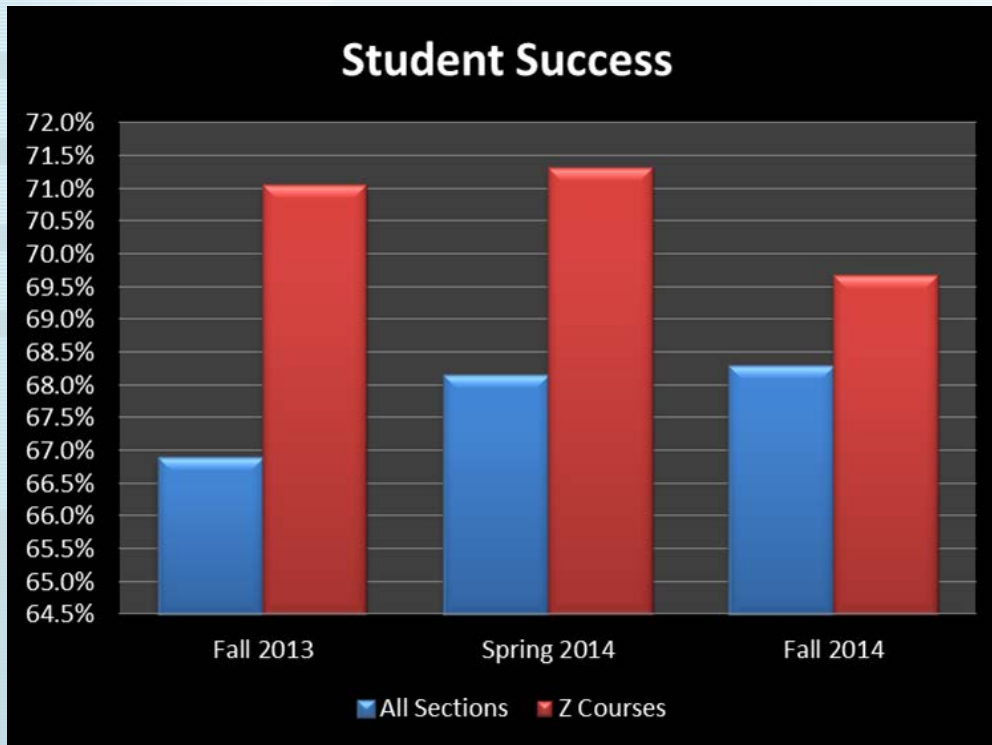
Course completion with a grade of C or better

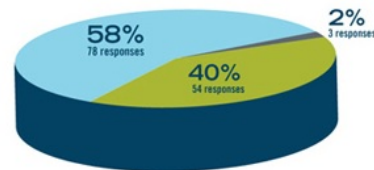# Student Evaluation of Z-Courses

44% response rate

Library alignment with OER

- Existing library support for curriculum
- Existing library support for students
- Existing library relationships with faculty
- Library expertise in information skills & copyright – Information Literacy

Library Support for Z-Degree

- Institutional OER Policy

- Librarian Position Descriptions: "OER Librarians"

- Pathways course & Faculty PD

Areas for support and development

- Continuing education for librarians, faculty and students
- Balancing library/librarian capacity with supporting other institutional priorities
- Advocacy
- Preserving access/repository/resource sharing
- Realignment of library resources based on OER impact

Pathways at Tidewater Community College

History and Beginnings

- Began by Linda Williams and supported by administration
- Trains faculty in OER concepts and resources for building Z-Courses
- [OER LibGuide](#)

Then Steps in the Library

- Library transition Spring 2015

- OER Cohort

- Online teaching training and OER training

- Rotating instructors by campus

- [The Pathways Shell www.tcc.edu](http://www.tcc.edu)

Outcomes

- **Relationships** developed among faculty (consultations)
- **Increased presence** overall at TCC (workshops and training)
- **Greater involvement** in faculty initiatives (impact on governance)
- **Support** for online learning
- **Plans** for Z-Course involvement

What works?

- Training
- Responsiveness
- Partnerships
- Institutional/administrative support
- Faculty advocates

Still Learning…

- Technology
- Communication
- Building infrastructure

What's Next?

- TCC - Build capacity to support program growth
- VCCS - Zx23: http://edtech.vccs.edu/oer/z-x-23-project/
- Open courses: http://lumenlearning.com/browse-courses/

Questions?