

OER and solving the textbook cost crisis nicole allen SPARC

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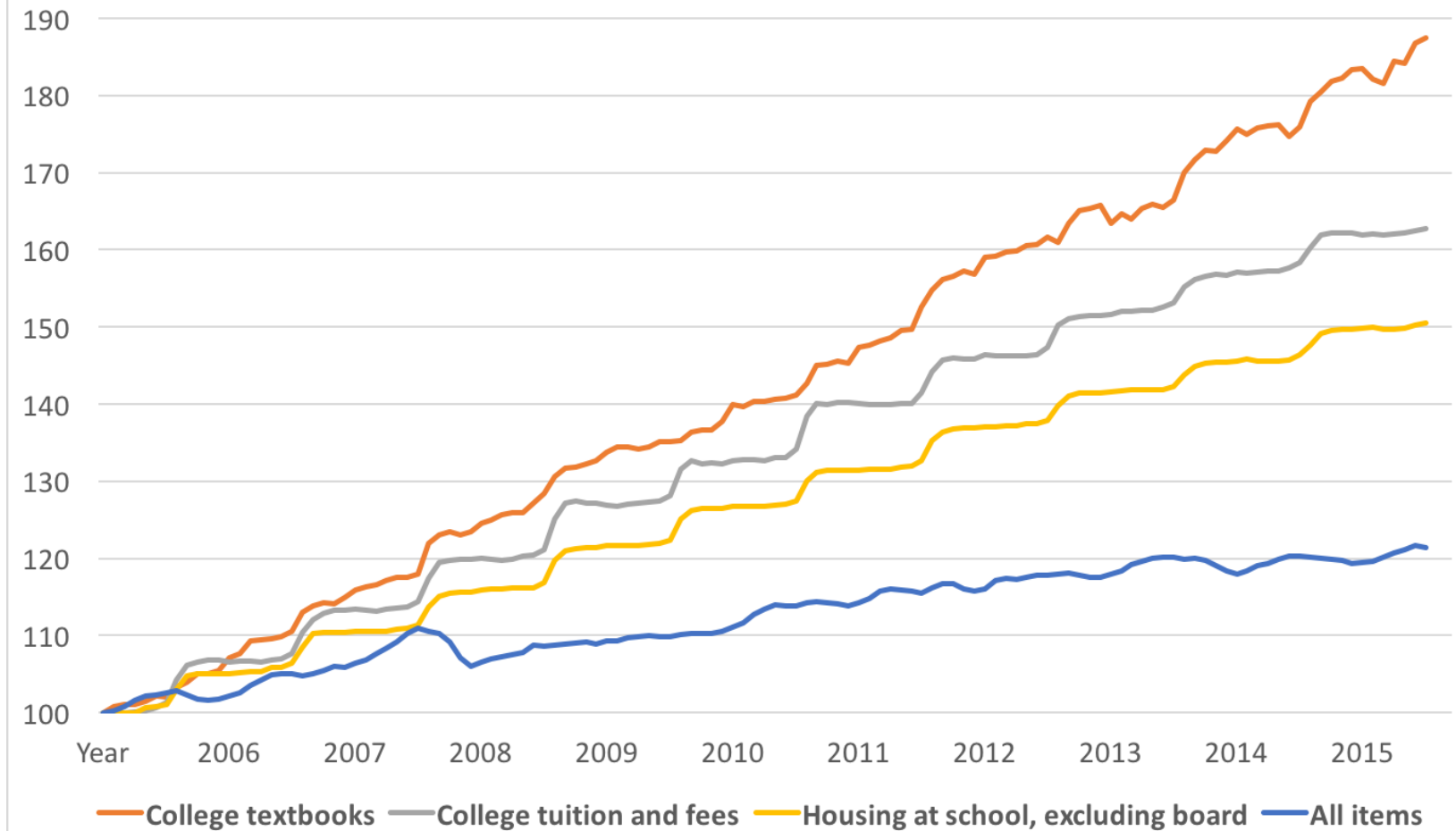


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Consumer price indexes for tuition and school-related items, not seasonally adjusted January 2006–July 2016 (January 2006 = 100)



Data Source: Bureau of Labor Statistics

Cost Factors:

Tuition and Fees

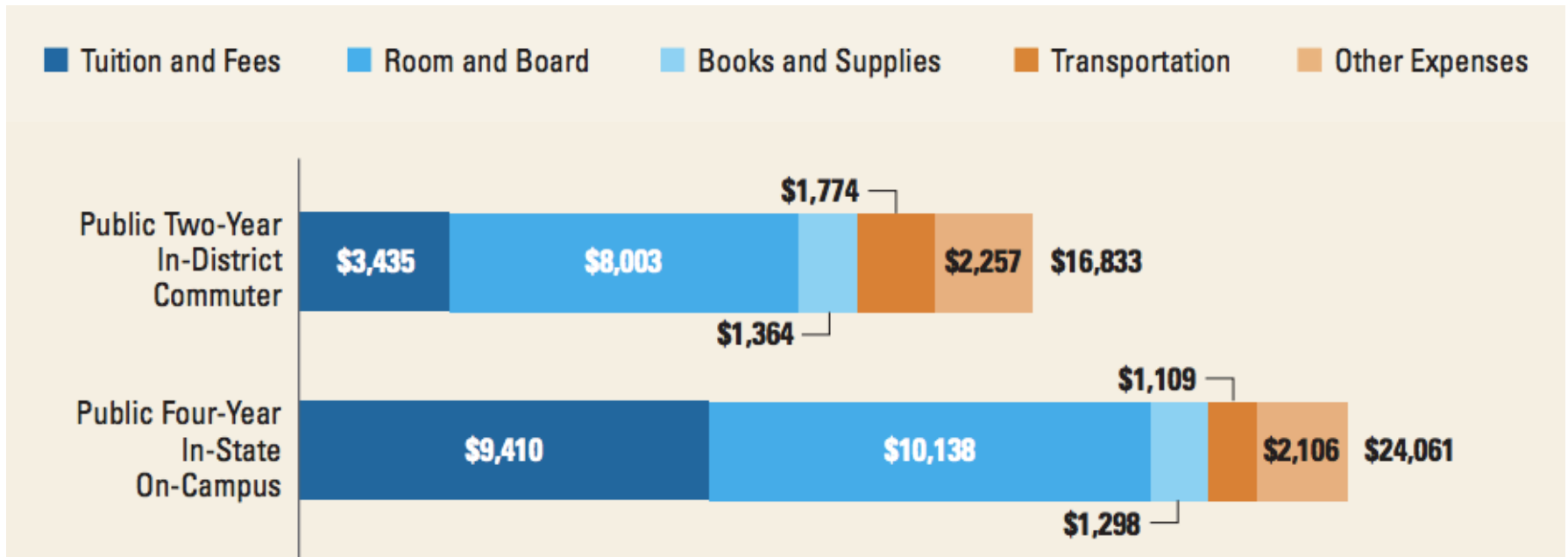
Room and Board

Transportation

Books and Supplies

Other Expenses

Average Estimated Full-Time Undergraduate Budgets (Enrollment-Weighted)



Books & Supplies:

\$1,364 @ Public Two-Year

\$1,298 @ Public Four-Year

“the straw that broke the
camel’s back”



Textbook Affordability at UMD

Open Educational Resources

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Faculty Successes

Samuel Kerstein



Samuel Kerstein, Department of Philosophy, College of Arts and Humanities, teaches "Contemporary Moral Issues" (PHIL 140) once a year. Rather than requiring a textbook that students must purchase, Kerstein provides PDF files of articles and book chapters on his CANVAS site for the course. In seven years, no students have complained about this practice. The course often uses the very same material that is anthologized in expensive textbooks. Kerstein provides the pedagogical help sometimes contained in textbooks by posting an

Did You Know?

- An open source textbook is just like any textbook, except it has a nonrestricted copyright license

Students Spend



oer.umd.edu



\$399.95



Principles of Economics, 7th Edition

ISBN10: 1-285-16587-X
ISBN13: 978-1-285-16587-5

AUTHORS: Mankiw, N. Gregory - ©2015

With its clear and engaging writing style, PRINCIPLES OF ECONOMICS, Seventh Edition, continues to be the most popular and widely-used economics textbook among today's students. Mankiw emphasizes material that you are likely to find interesting about the economy



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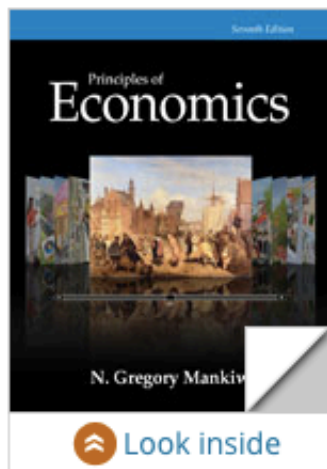
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Principles of Economics

N. Gregory Mankiw

ISBN-10: 128516587X

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Previous Editions: 201

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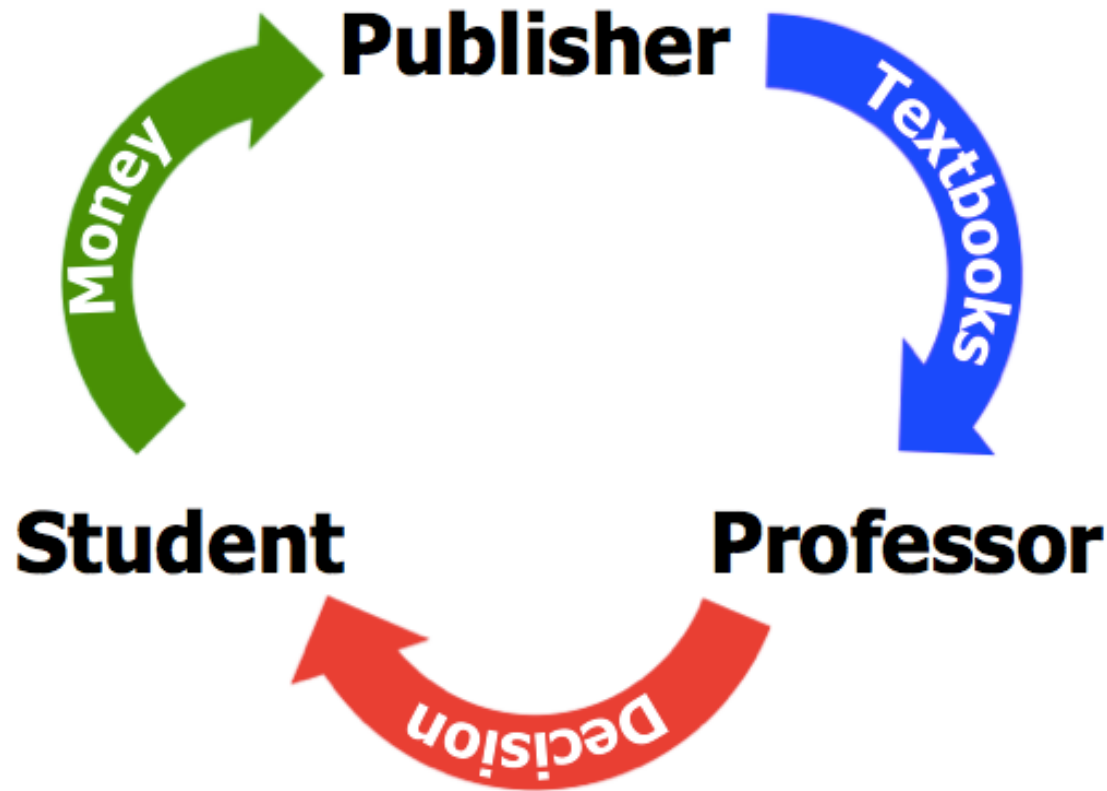
Overview

PRINCIPLES OF ECONOMICS, Seventh Edition, continues to be the most popular and widely-used text in the economics classroom. A text by a superb writer and economist that stresses the most important concepts without overwhelming students with an excess of detail. A thorough update has been made to keep all chapters fresh and



but **why?**

Captive Market

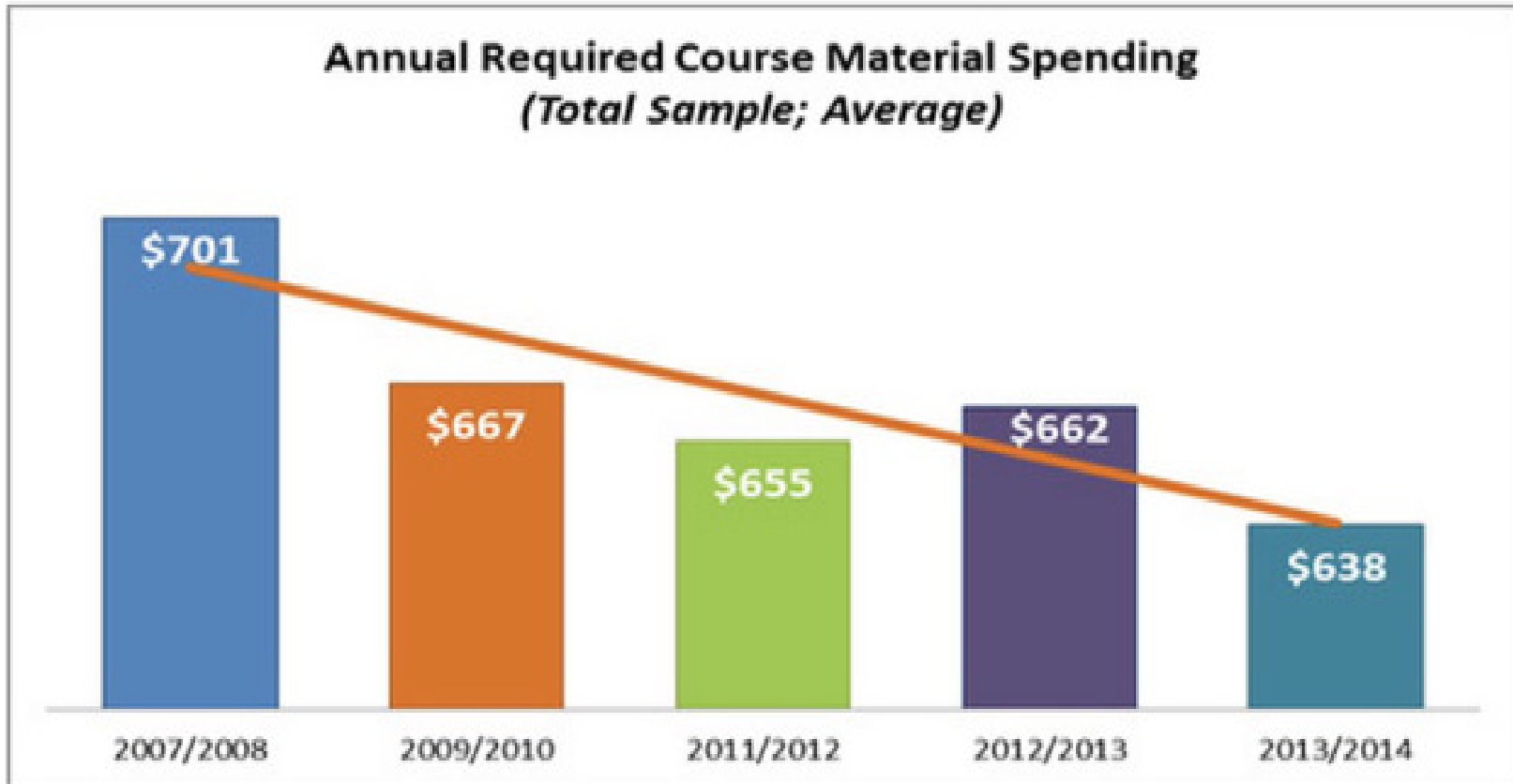


Near-Monopoly



5 major
publishers hold
nearly 90% of
the market

Signs of Failure



2 in 3

Students say they decided against
buying a textbook because the cost is
too high

1 in 2

Students say they have at some point
taken fewer courses due to the cost of
textbooks

<1 in 2

Students purchase a current
edition of their textbook

students cannot
learn from books
they can't **afford**

we can do better.

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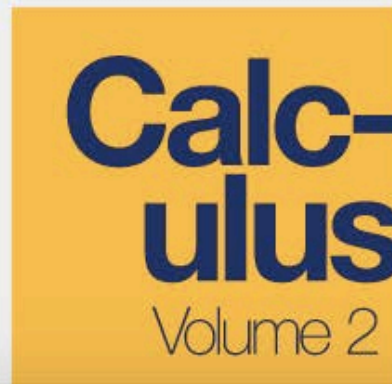
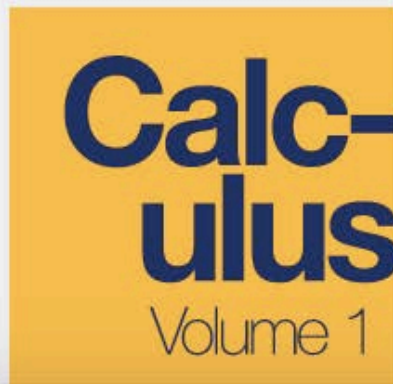
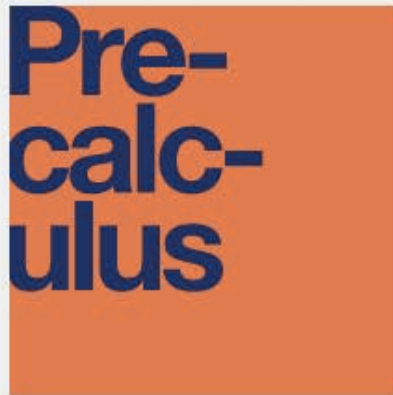
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Principles of Economics

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Principles of Economics covers scope and sequence requirements for a two-semester introductory economics course. The authors take a balanced approach to micro- and macroeconomics, to both Keynesian and classical economics, and to the theory and application of economics concepts. The text also includes many current examples, and all issues are handled in a politically equitable way.

Principles of Economics PDF and web view versions have been updated to include current FRED (Federal Reserve

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Introduction to Elasticity

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[5.2 Polar Cases of Elasticity and Constant Elasticity](#)
[5.3 Elasticity and Pricing](#)
[5.4 Elasticity in Areas Other Than Price](#)
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5.1 Price Elasticity of Demand and Price Elasticity of Supply

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Both the demand and supply curve show the relationship between price and the number of units demanded or supplied. **Price elasticity** is the ratio between the percentage change in the quantity demanded (Q_d) or supplied (Q_s) and the corresponding percent change in price. The **price elasticity of demand** is the percentage change in the quantity *demanded* of a good or service divided by the percentage change in the price. The **price elasticity of supply** is the percentage change in quantity *supplied* divided by the percentage change in price.



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Cicero, On Pompey's Command (De Imperio), 27-49. Latin Text, Study Aids with Vocabulary, Commentary, and Translation

Ingo Gildenhard, Louise Hodgson, et al.

This course book offers a portion of the original Latin text, study aids with vocabulary, and a commentary. Designed to stretch and stimulate readers, the incisive commentary will be of particular interest to students of Latin at both AS and undergraduate level. It extends beyond detailed linguistic analysis and historical background to encourage critical engagement with Cicero's prose and discussion of the most recent scholarly thought.

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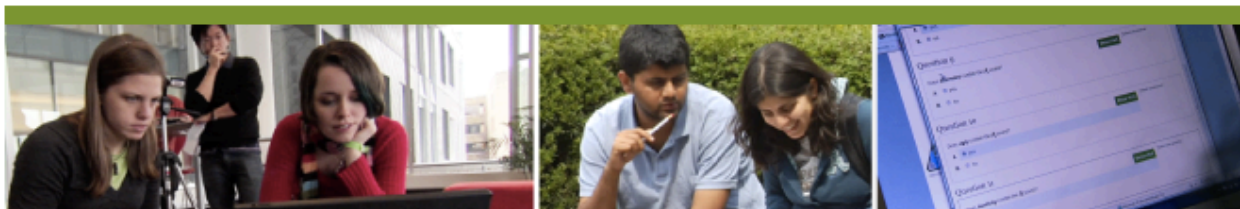


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OLI courses had over 45,000 enrollments in 2013.

OLI OVERVIEW

Higher education is faced with some big, big challenges—from resource issues to compressed teacher/student interaction times. Watch this video to hear from instructors and OLI's founding director, Candace Thille, about what we're doing to respond to these challenges.

oli.cmu.edu



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Program Summary

In 2009, the American Recovery and Reinvestment Act amended the Trade Act of 1974 to authorize the Trade Adjustment Assistance Community College and Career Training (TAACCCT) Grant Program. On March 30, 2010, President Barack Obama signed the Health Care and Education Reconciliation Act, which included \$2 billion over four years to fund the TAACCCT program.

TAACCCT provides community colleges and other eligible institutions of higher education with funds to expand and improve their ability to deliver education and career training programs that can be completed in two years or less, are suited for workers who are eligible for training under the TAA for Workers program, and prepare program participants for employment in high-wage, high-skill occupations. Through these multi-year grants, the Department of Labor is helping to ensure that our nation's institutions of higher education are helping adults succeed in acquiring the skills, degrees, and credentials needed for high-wage, high-skill employment while also meeting the needs of employers for skilled workers. The Department is implementing the TAACCCT program in partnership with the Department of Education.

Announcements

- **04-16-2014:** The Obama administration will award \$450 million in grant funds to expand job-driven training partnerships between community colleges and employers. Grants are the final installment of a \$2 billion, four-year initiative. Read the press release [here](#).

POLICY & ADVOCACY

Department of Education Open Licensing Policy

Open Education

Update: As of July 12, 2016, the rule is **under review** by the White House Office of Management and Budget. A final action on the rule is expected in November 2016.

The U.S. Department of Education (ED) is the first Federal agency to propose an open licensing policy for grant-funded educational resources. ED announced the **proposed rule** and call for public comments in the Federal Register on November 3, 2015. The rule is currently under final review by the White House, and a final action is expected in late 2016.

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examples of OER impact

Pierce professor saves students \$1 million through open education resources

January 9, 2015  [Features](#), [Lead Story](#)  [4 Comments](#)



After years of teaching math, Professor David Lippman was sick of requiring his students to pay upwards of \$150 for a textbook. Used books were available at a slight discount, but students were forced to pay an extra fee to access online support materials unless they purchased a brand new copy.

Lippman, who began teaching at Pierce in Fall 2000, finally made the decision to move away from the lessons found in traditional textbooks. He began to carefully write and compile his own content, which he now provides to students at little to no cost.

"I basically sat down and, over a period of time, began to write my own text to replace the book for my Math 107 course," he said. "I would hardly call that first version a formal textbook, but I wrote up enough content to reach the point where I didn't need a book."



Award winning statistics text

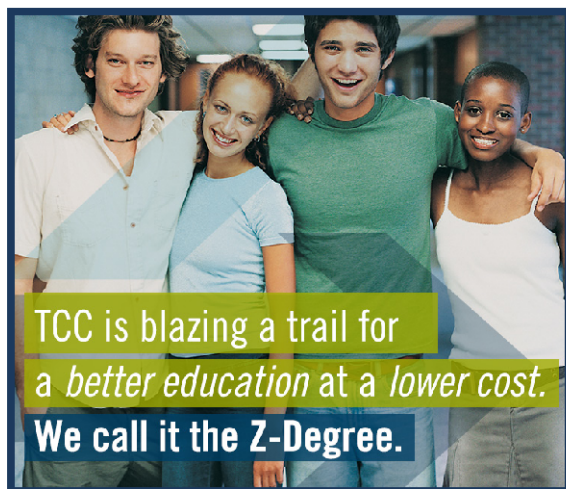
A multi-institutional study of the impact of open textbook adoption on the learning outcomes of post-secondary students

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- **Higher average credit load**
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Tidewater Community College is making college more affordable.



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

More and more, college students are unable to afford their textbooks, and as many as 70% of students have reported avoiding buying at least one textbook for their courses. Not surprisingly, these students do not do as well academically.

As of May 2013, if a TCC student purchased all of the textbooks required for a business administration degree, that student would spend \$3,678.95 on new books. While used textbooks may lower this price, their availability is, at best, uneven.

But the problem with printed textbooks goes beyond financial cost; textbooks “cost” students and teachers in other ways as well.

Because textbooks are frequently written for broad audiences in the hopes that they will fill the learning support needs and be adopted by large numbers of faculty and departments, they are filled with content and exercises that are superfluous to a specific course’s learning outcomes. The cost here is in teaching efficiency and effectiveness.

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Open Educational Resources (OER) Degree Initiative

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The Open Educational Resources (OER) Degree Initiative seeks to boost college access and completion, particularly for underserved students, by engaging faculty in the redesign of courses and degree programs through the replacement of proprietary textbooks with open educational resources. Over the next three years, the Open Educational Resources Degree Initiative will lay the groundwork for nationwide adoption of OER Degrees.

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PROJECT MANAGEMENT FOR INSTRUCTIONAL DESIGNERS

ABOUT PM4ID

Project Management for Instructional Designers (PM4ID) is – as the name suggests – a book about project management tailored specifically for instructional designers. This book is a revise / remix of a pre-existing, openly licensed project management textbook which was donated to the commons by a benefactor that desires to be attributed as Anonymous.

PM4ID includes many new features and improvements to the original book, including:

- Alignment of book chapters with the PMBOK, which supports readers in preparing for the Project Management Professional certification,
- A series of video cases of project managers working in the instructional design area, integrated into every chapter,
- Multiple versions of the book, including HTML, PDF, ePub, Kindle, and a text-to-speech mp3 audio version of the book,



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(2) **consider** OER
before traditional
materials



Open Educational Resources

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Awareness of OER

- [Opening the Curriculum: Open Educational Resources in U.S. Higher Education, 2014](#)
"Awareness and adoption of open educational resources (OER) has yet to enter the mainstream of higher education. Most faculty remain unaware of OER, and OER is not a driving

Quick Guide

Open Educational Resources



What are Open Educational Resources (OER)?

Open Educational Resources are educational materials and resources offered freely and openly for anyone to use and, under some licenses, to re-mix, improve and redistribute.

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using OER in 1 course per year could
save US students

\$1.42

billion


(3) **support** faculty to
adopt, adapt, and
create OER

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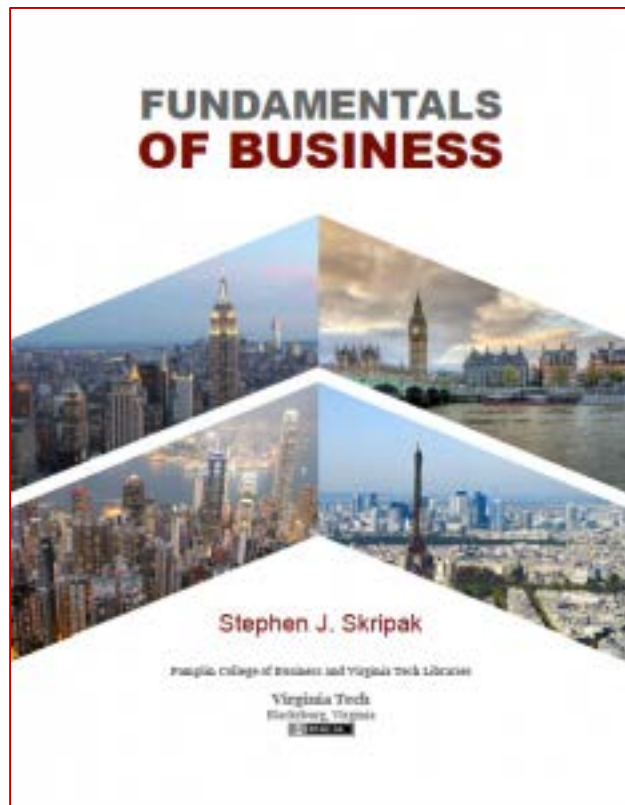
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The Open Education Initiative @ UMass Amherst

The high cost of commercial print textbooks is a major concern for both students and their parents. To address these concerns, the Provost's Office and the University Libraries launched the Open Education Initiative in the Spring of 2011. The Open Education Initiative is a faculty incentive program that encourages the use of existing low-cost or free information resources to support our students' learning. Information Literacy will also be emphasized, creating opportunities for students to develop and practice the skills of critical thinking, reasoning, communication, and integration of knowledge and perspectives.

Now in its third phase, the Open Education Initiative has generated a total savings of over **\$750,000** for students in classes that utilize open educational resources and library material. For more information please contact Marilyn Billings at mbillings@library.umass.edu.

[Comments \(0\)](#)



Fundamentals of Business : Virginia Tech's New Open Textbook

by ANITA WALZ posted on AUGUST 25, 2016

Virginia Tech Libraries and the Pamplin College of Business are pleased to announce publication of *Fundamentals of Business*, a full color, 440+ page free online textbook for Virginia Tech's Foundations of Business course. This Virginia Tech course averages 14 sections with over 700 students in Fall semesters. The textbook is an [open educational resource](#), and may be customized and redistributed non-commercially with attribution.

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