



# Evolution of OERs at Anne Arundel Community College



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National Association of College Stores

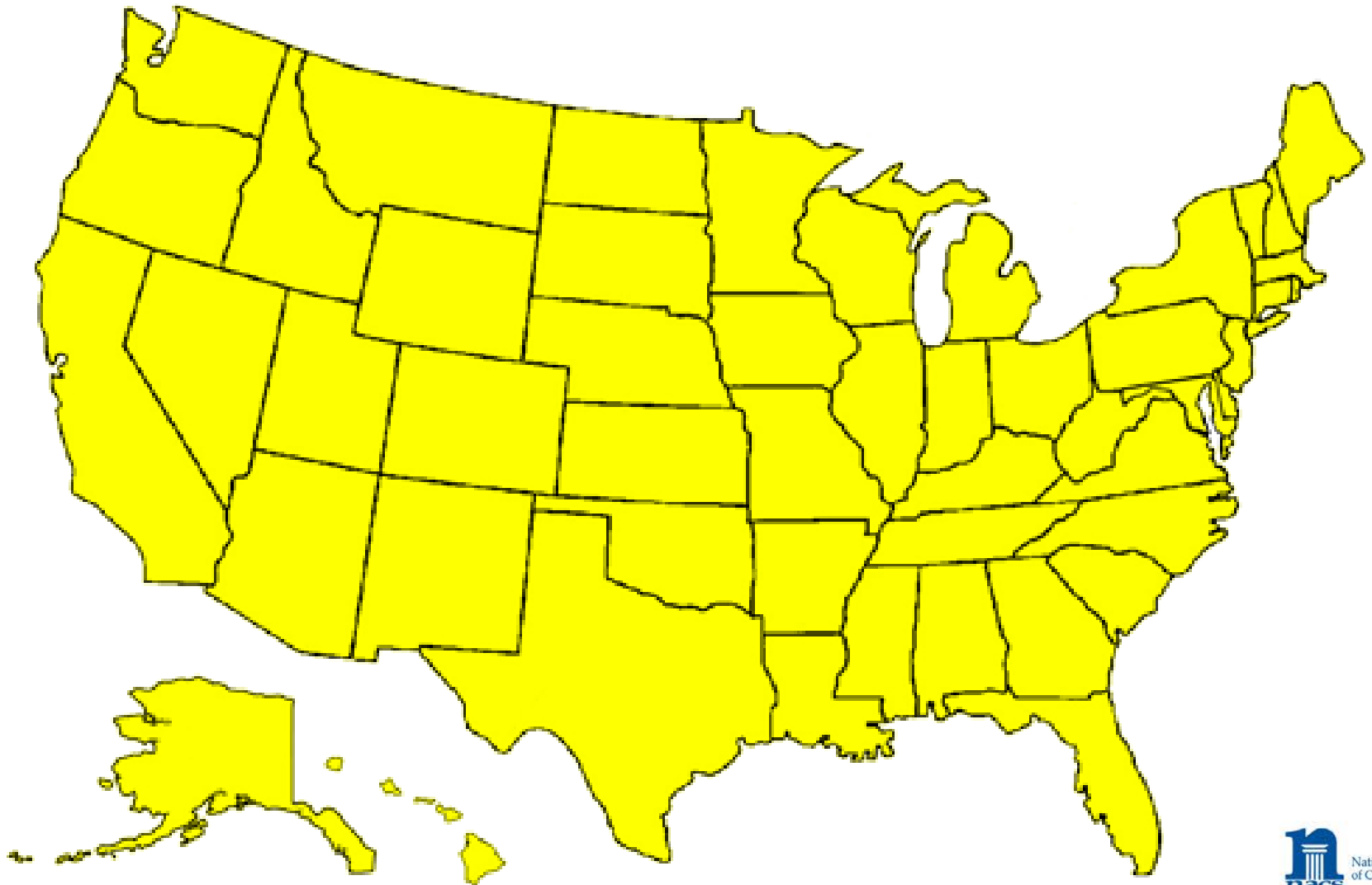


[www.nacs.org](http://www.nacs.org)

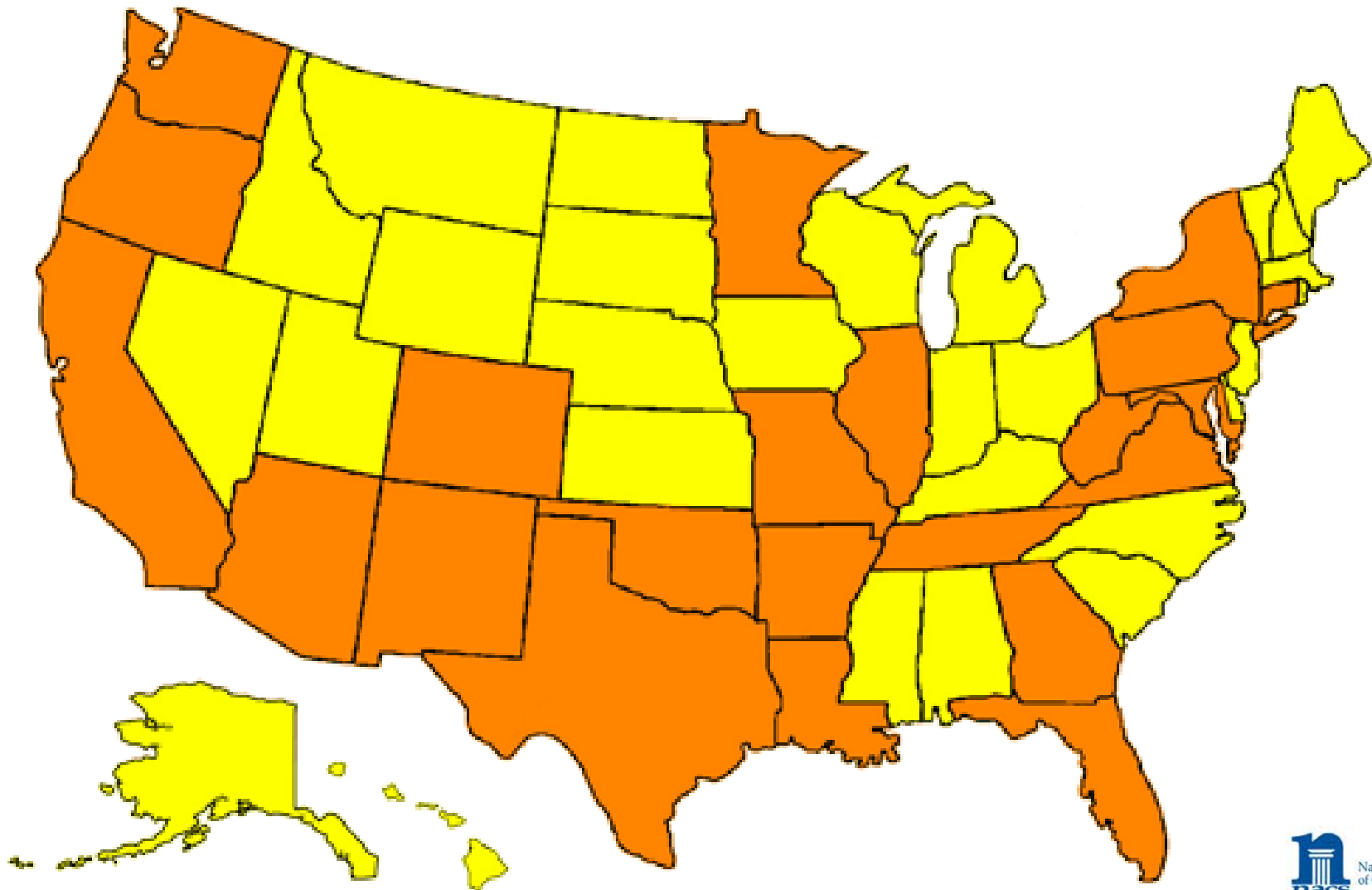
# What is HEOA?

Purpose and Intent: The purpose of this section is to ensure that students have access to affordable course materials by decreasing costs to students and enhancing transparency and disclosure with respect to the selection, purchase, sale, and use of course materials. It is the intent of this section to encourage all of the involved parties, including faculty, students, administrators, institutions of higher education, bookstores, distributors, and publishers, to work together to identify ways to decrease the cost of college textbooks and supplemental materials for students while supporting the academic freedom of faculty members to select high quality course materials for students.

# Federal HEOA Coverage



# States with Ancillary Legislation



# MD SB 183

This bill requires public institutions of higher education to develop and implement specific practices and processes relating to textbook selection and adoption. All institutions of higher education must post specific information including International Standard Book Numbers (ISBNs) on their web site within specified timeframes. Requirements for the disclosure of specific information about textbooks are also established for textbook publishers and institutions of higher education. Publishers and campus bookstores are required to provide and sell textbooks and supplemental materials in the same manner as selected and ordered by faculty; however, with the permission of the faculty member, a campus bookstore may sell lower-cost options. Publishers are required to make bundled materials available separately, each separately priced. The bill also establishes various reporting requirements.

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- Requires each public institution of higher education to develop and implement a campaign to inform adopting faculty about textbook issues, including their individual rights and responsibilities under HEOA and SB 183

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- Requires each institution of higher education to develop a process for faculty members to acknowledge having been informed of these disclosures and the impact that the high cost of college textbooks and supplemental materials has on students. (Interstitial acknowledgement page)



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- Creates a best-practices process for faculty charged with selecting textbooks and course materials

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- Establishes annual reporting guidelines and holds institutions culpable if found to be non-compliant

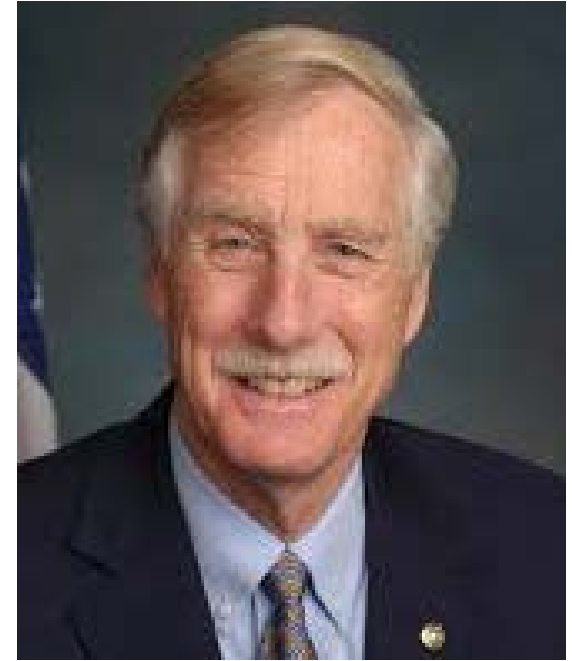
# The Affordable Textbook Act of 2015



Dick Durbin  
(D-III.)



Al Franken  
(D-Minn.)



Angus King  
(I-Maine)

# What are OERs?

**Open educational resources** 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.

# Why now?

“The astronomical rise in the price of college textbooks is part of the unsustainable ‘higher education bubble.’”



“As far as college textbooks, the new era of \$400 textbooks seems to be clearly unsustainable in the face of a growing number of competitive, low-cost alternatives like free online textbooks.”

*-- Mark J. Perry*



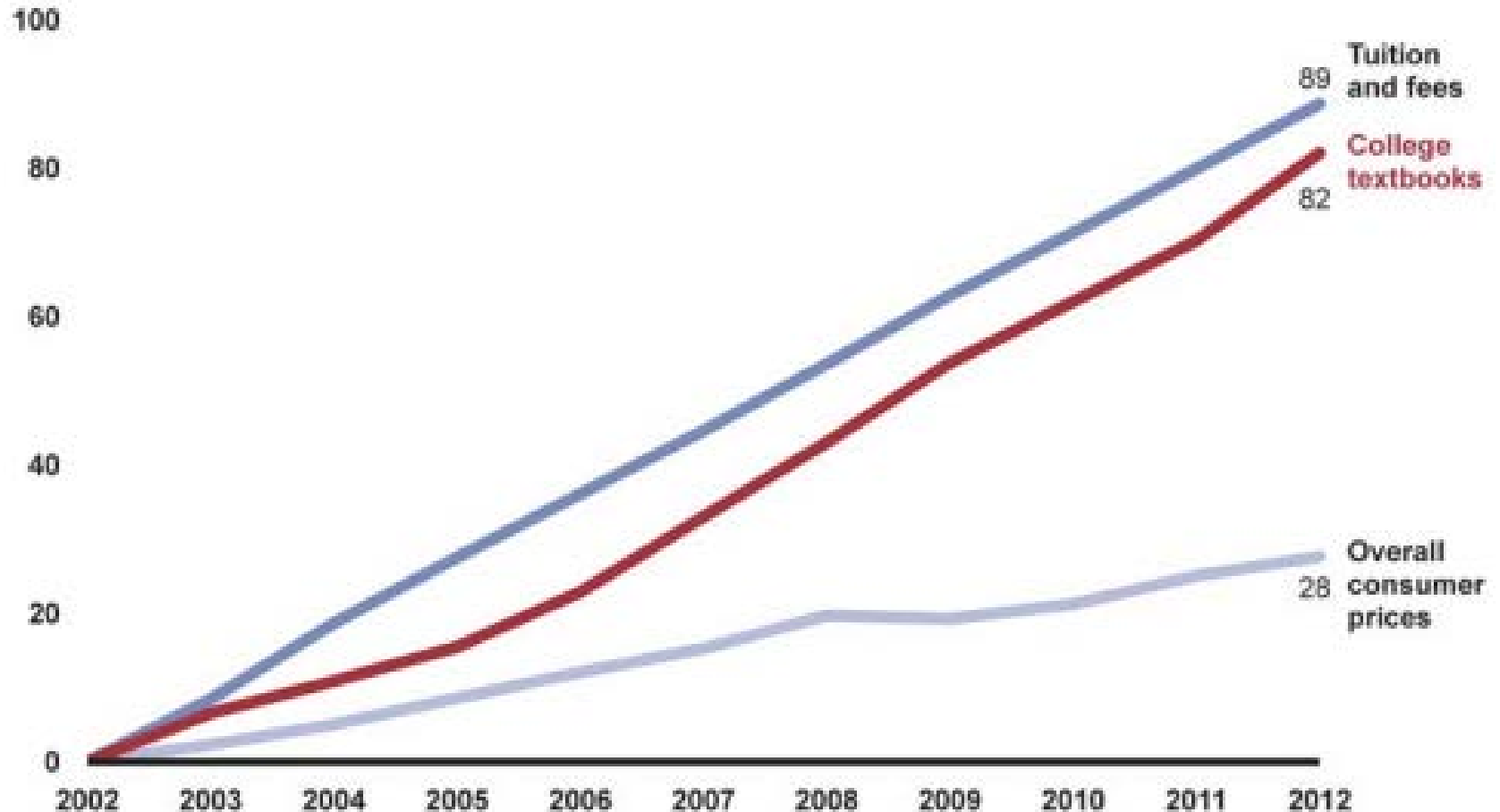
CONNECT | GROW | SUCCEED



[www.nacs.org](http://www.nacs.org)

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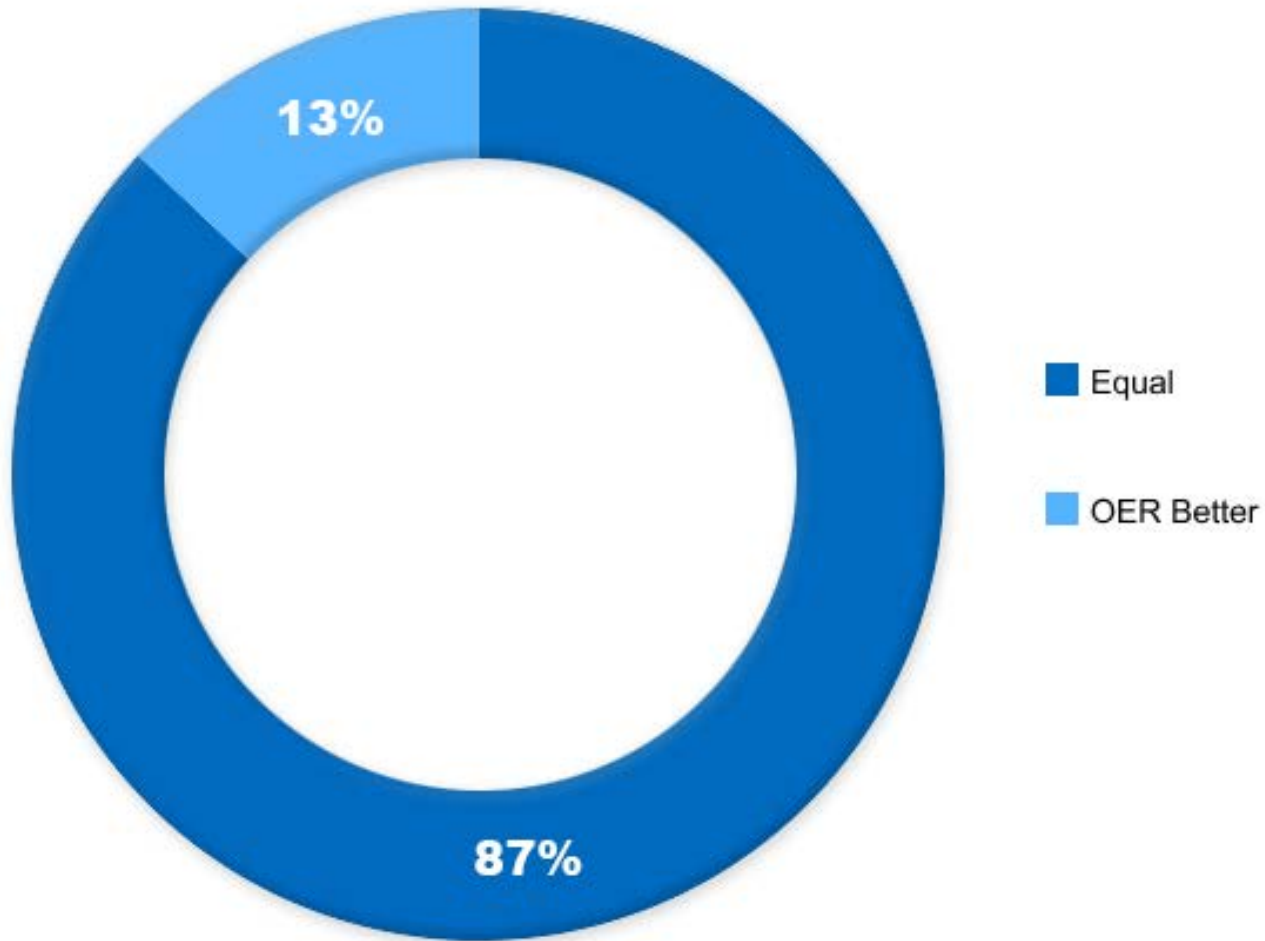
Percent increase since 2002



Source: Bureau of Labor Statistics' Consumer Price Index data.

# Course Completion

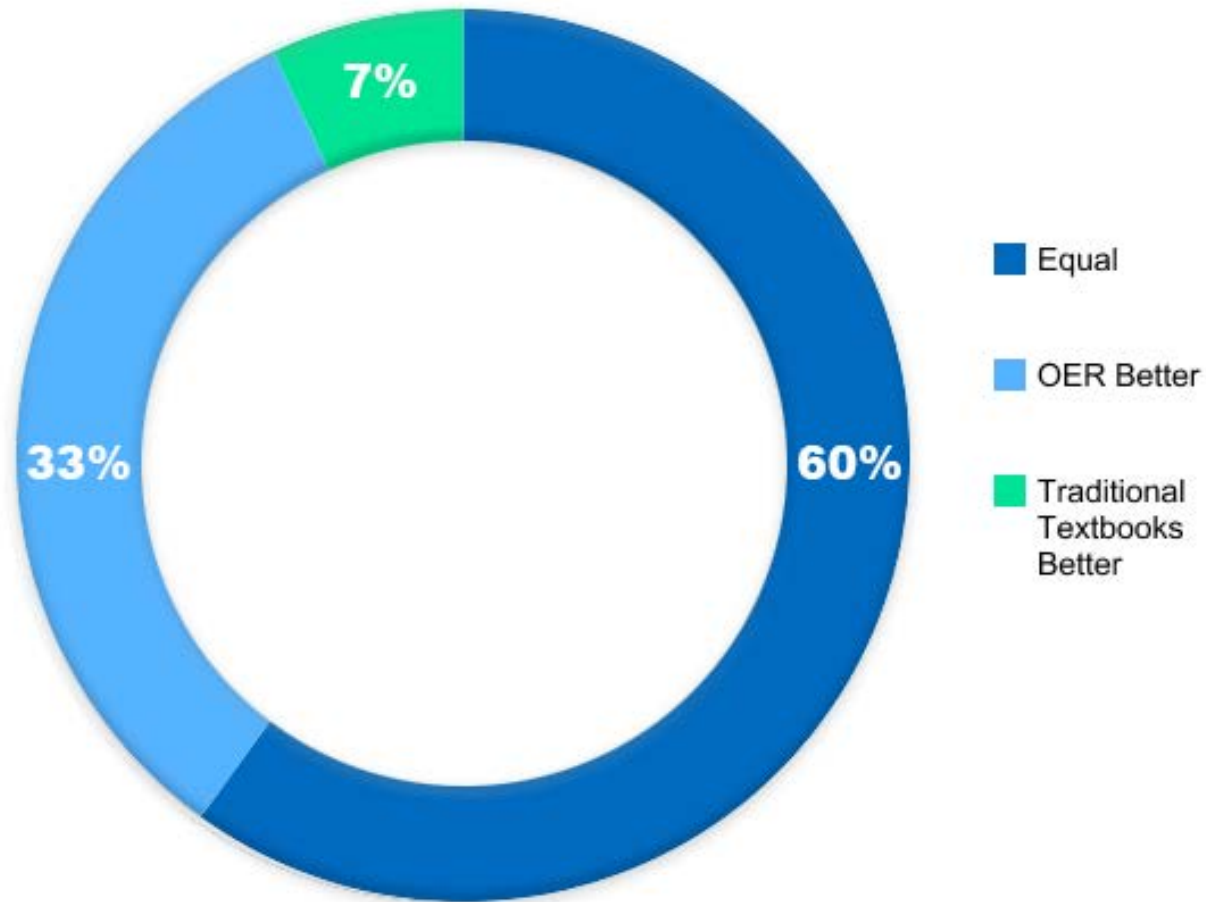
## Student Course Completion





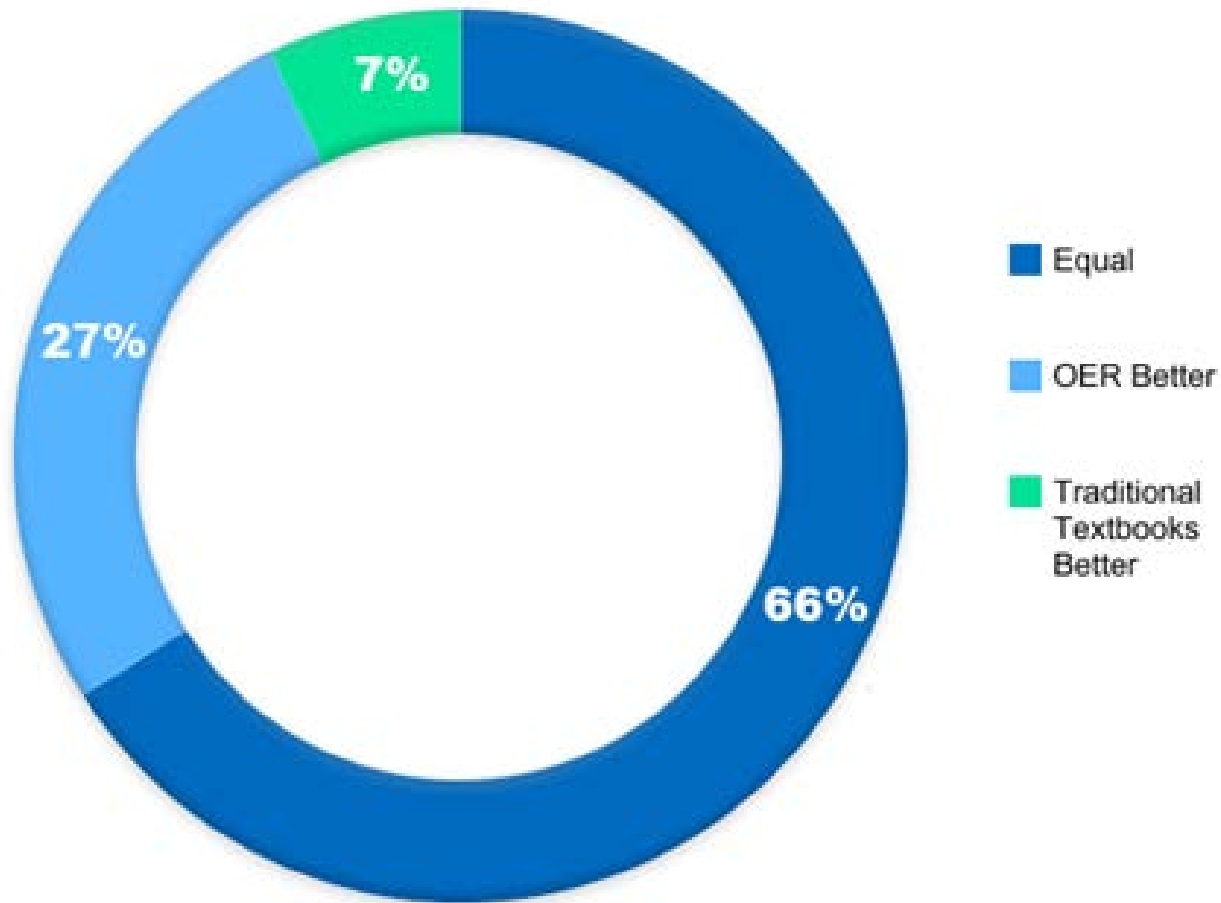
# Grades

## Students Earning C- or Better

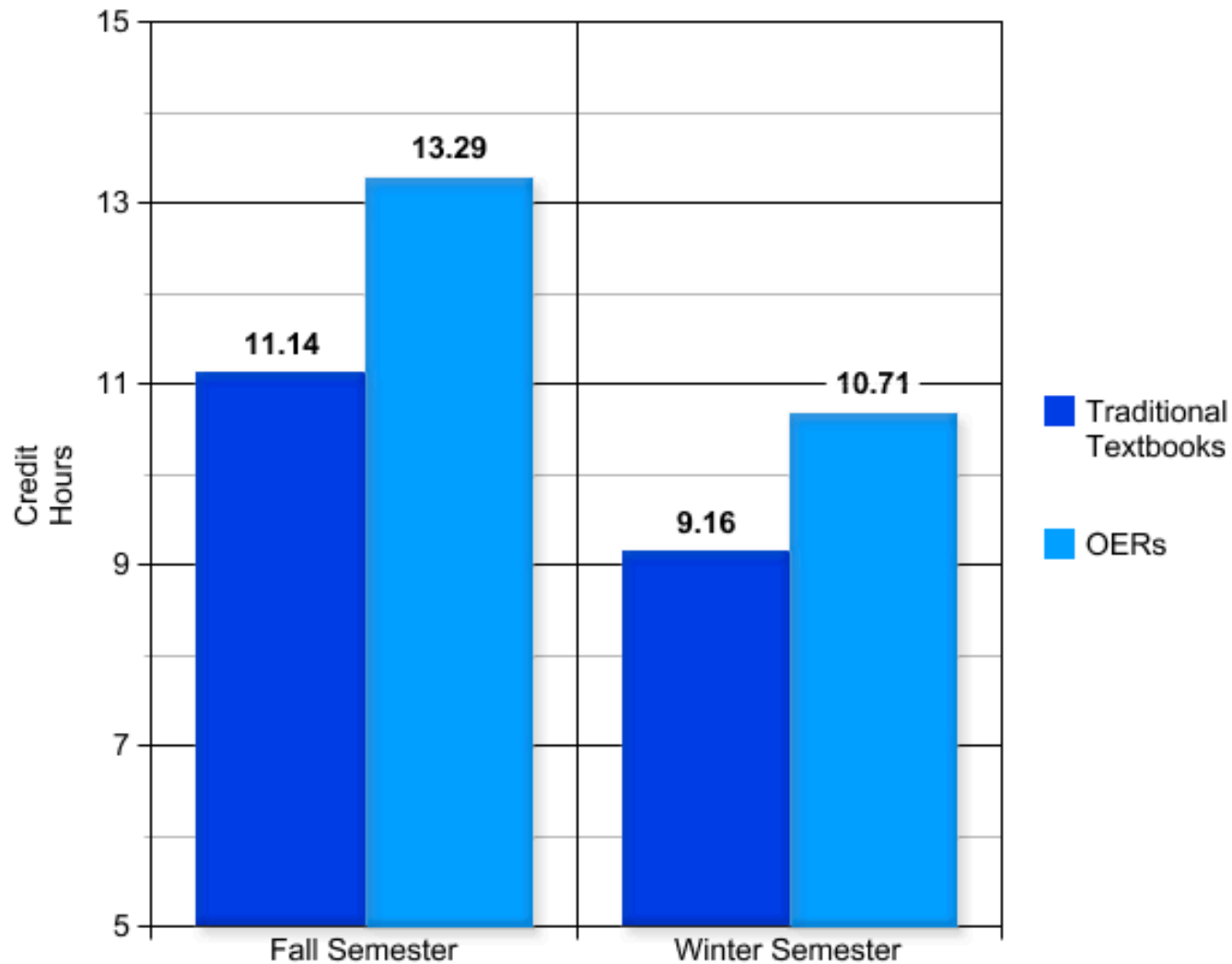


# Academic Success

## Overall Average Grade

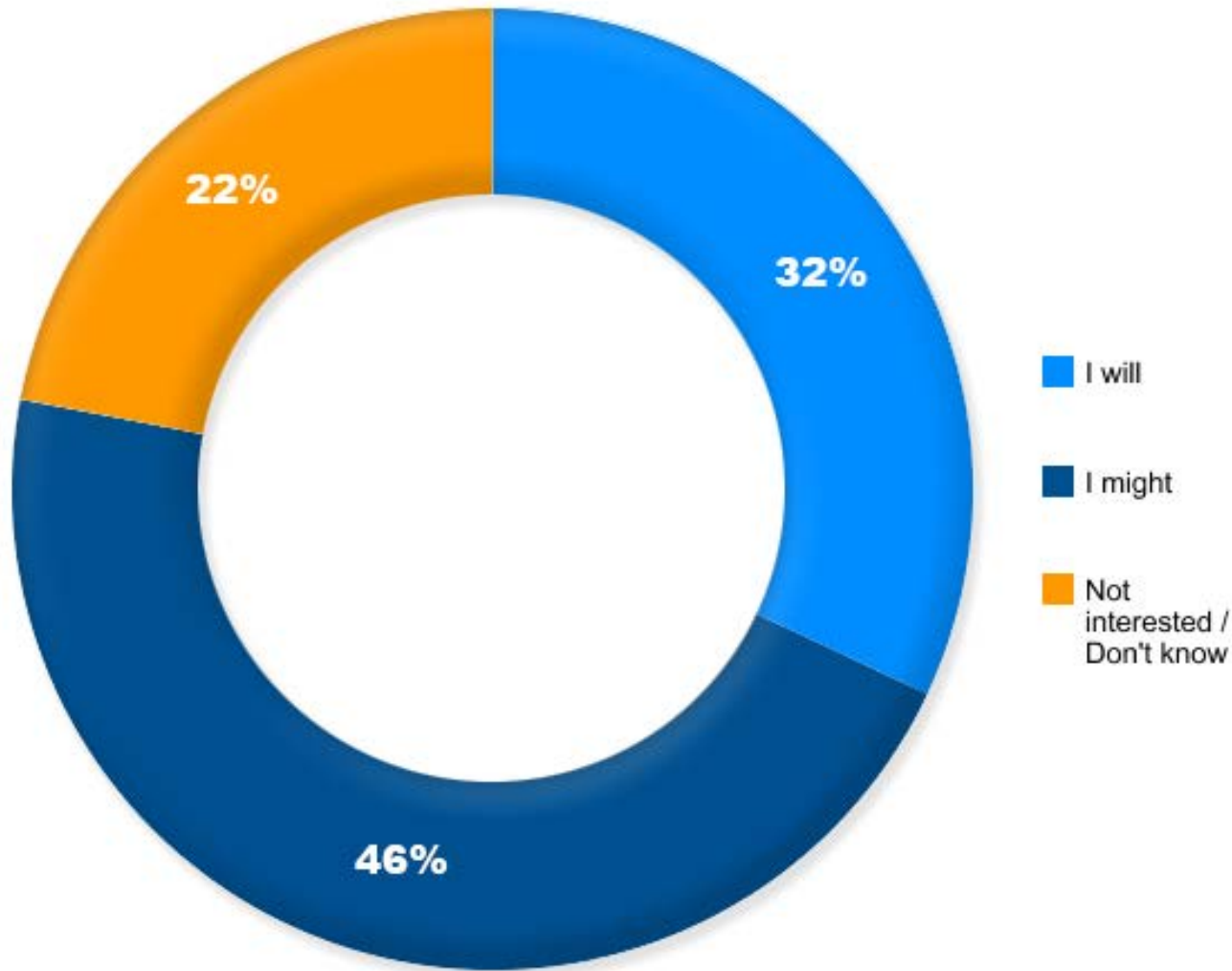


# Credit Load



The Brigham Young University study was a multi-institutional study conducted by BYU researchers to investigate the academic outcomes of students assigned OERs vs traditionally published textbooks.

# Faculty Study Findings



The Babson survey was completed by 2,144 faculty members throughout all types of higher education institutions, including two and four-year schools, public, private non-profit, and for-profit, as well as all types of faculty (part time, full time, tenured and not).

# Evolution of OERs



# Faculty Perspective



**Eric W. Fons**

Associate Professor, Physics

## Education

B.A. Physics/Astrophysics, University of California Berkeley

M.S. Physics, University of Florida

Joined AACC in 2002



**Darlene Brake**

Associate Professor, Physics

## Education

B.S. (Honors) Physics, Memorial University of Newfoundland, Canada

M.S. Physics, Simon Fraser University, Canada

Joined AACC in 2004

# Getting a Seat at the Table

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- Be proactive, try to find common ground, build consensus; don't be on the defensive

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- Request that the bookstore be included in future meetings/discussions concerning OERs
- Be proactive, try to find common ground, build consensus; don't be on the defensive
- Seize the opportunity to develop an action plan

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- Bookstore revenues will decline as OERs supplant traditional textbook sales

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- Who is responsible for monitoring, stocking and servicing copiers?



# OERs and the Adoption Process



# Adoption Selection

## Assign Course Materials To Requisitions

your currently open requisitions

2016C SPRING 2016 CREDIT : PHYSICS : 111 : 001,002,003,004,400 ▼

### current requisition

For PHYSICS 111, section 001, 002, 003, 004, 400 (AACC STAFF) [view details](#)

### Assigned Textbooks

There are no books assigned to this requisition.


My Favorites

Search

Course History

Add a New Book

image not available

**<https://openstaxcollege.org/textbooks/college-physics>**  
Author: OPENSTAX  
ISBN:  
Publisher: OPENSTAX; Edition: ; Copyright: 13; Volume: ;  
  
Usage: Required ▼  
Will book be used next term? Yes ▼  
Quantity requested per section: 22  
Add this book to My Favorites? ☐  
Is this a bundle? (Please specify what's required below) ☐  
  
Special instructions for *this* book:  
Students need to choose format they prefer: digital or printed textbook.  
Openstax Physics is required.   

Cancel Save And Add To This Requisition

# MD SB 183 Acknowledgement

The page at [textreq.thecampuspushub.com](http://textreq.thecampuspushub.com) says: ×

By clicking the "OK" button, I acknowledge that I have been advised of my rights and responsibilities as a faculty member under the College Textbook Competition and Affordability Act of 2009.

Resources are available for your reference as follows:

An online video presentation explaining each section of the Act and general adoption best practices. It is available for you to view at any time at: <http://ola4.aacc.edu/bookstore/player.html>

An adoption best practices document, available for online viewing at: [http://www.aaccbooks.com/site\\_faculty\\_adoptions.asp](http://www.aaccbooks.com/site_faculty_adoptions.asp)

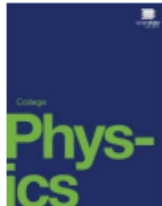
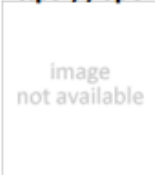
If you have any issues accessing these resources, please e-mail [textbookadoptions@aacc.edu](mailto:textbookadoptions@aacc.edu).

Clicking "Cancel" will return you to your adoption which can be saved for later editing and submission.

OK

Cancel

# Completed Adoption

| Course Information   |   | Requisition 20162  |
|--|---|--|
| <b>campus</b> AACC<br><b>term</b> 2016C SPRING 2016 CREDIT<br><b>department</b> PHYSICS<br><b>course</b> 111 -<br><b>section(s)</b> 001  | <b>Instructor</b> AACC STAFF<br>textbookadoptions@aacc.edu<br><b>Coordinator</b> KIRSTEN CASEY<br>kacasey@aacc.edu<br><b>Entered By</b> Julie Briles<br><b>Estimated Enrollment</b> 22  |  |
| Requisition Information  |   | Requisition 20162  |
| <b>Status:</b> Posted<br><b>Course Packs:</b> No<br><b>Faculty Comments:</b>   |   | <b>Type:</b> Normal<br><b>Lecture Notes:</b> No<br><b>Approved:</b> 10/28/2015<br><b>Additional Supplies:</b> No |
| Course Materials   |   | Requisition 20162  |
|  <b>COLLEGE PHYSICS</b><br><b>Author:</b> OPENSTAX<br><b>Publisher:</b> OPENSTAX<br><b>Edition:</b> 1<br><b>ISBN:</b> 9781938168000<br><b>Volume:</b><br><b>Status:</b> Posted<br><b>Usage:</b> Choose One Text<br><b>Use Next Term:</b> Yes<br><b>Quantity Requested:</b> 22 Per Section<br><b>Comments Attached:</b> Students need to choose which format they prefer, but College Physics is required for this course. | <a href="https://openstaxcollege.org/textbooks/college-physics">https://openstaxcollege.org/textbooks/college-physics</a><br><br><b>Author:</b> OPENSTAX<br><b>Publisher:</b> OPENSTAX<br><b>Edition:</b><br><b>ISBN:</b><br><b>Volume:</b><br><b>Status:</b> Posted<br><b>Usage:</b> Choose One Text<br><b>Use Next Term:</b> Yes<br><b>Quantity Requested:</b> 22 Per Section<br><b>Comments Attached:</b> this is the web address for the free download for College Physics. It is required and students should choose the format they prefer. |  |

# Shelf Tag

**Department:** PHY  
**Course:** 111  
**Section:** 001  
**Instructor:** AACC, STAFF  
**Comment:** COLLEGE PHYSICS IS REQUIRED, CHOOSE EITHER THE PRINT COPY OR OBTAIN FOR FREE.

**TERM**

**2015G FALL 2015 CREDIT**

| Author/<br>MFG | Title/<br>Desc  | ISBN / Cat#       | Price   |         | Status |
|----------------|---|-------------------|---------|---------|--------|
|                |   |                   | new     | used    |        |
| PHY DEPT       | PHY 111 LAB MANUAL (REV FALL 2015)  |                   | \$5.40  |         | REQ    |
| OPENSTAX       | COLLEGE PHYSICS   | 978-1-938168-00-0 | \$48.50 | \$36.40 | CHO    |
| OPENSTAX       | <a href="https://openstaxcollege.org/textbooks/college-physics">https://openstaxcollege.org/textbooks/college-physics</a> |                   | \$0.00  | \$0.00  | CHO    |

# Market share



# Sell Through for College Physics Printed OER

| Semester    | Enrollment | Sales | Sell through |
|-------------|------------|-------|--------------|
| Fall 2015   | 90         | 54    | 60%          |
| Summer 2015 | 32         | 11    | 34%          |
| Spring 2015 | 98         | 53    | 54%          |
| Fall 2014   | 78         | 49    | 63%          |

