

# OER at CSM

## where to begin?

Christopher J Smith  
OER Liaison to ASCCC

Housing Insecure

50%

Homeless

14%

Food Insecure

55%

Hungry

36%

The image shows the cover of a report. At the top left, the logo for 'WISCONSIN HOPE LAB' is displayed, with 'HOPE' in a larger font and 'LAB' below it. The background of the top half of the cover features a photograph of several students in a classroom setting, looking towards the left. The title 'HUNGRY AND HOMELESS IN COLLEGE:' is written in large, bold, white capital letters on an orange diagonal background. Below the title, the subtitle 'RESULTS FROM A NATIONAL STUDY OF BASIC NEEDS INSECURITY IN HIGHER EDUCATION' is written in smaller white capital letters. The authors' names, 'Sara Goldrick-Rab, Jed Richardson, and Anthony Hernandez', and their affiliation, 'Wisconsin HOPE Lab', are listed below the subtitle. The date 'MARCH 2017' is printed in white capital letters on a grey diagonal background. At the bottom right, the logo for 'ACCT ASSOCIATION OF COMMUNITY COLLEGE TRUSTEES' is shown in blue and black.

WISCONSIN HOPE LAB

HUNGRY AND HOMELESS IN COLLEGE: RESULTS FROM A NATIONAL STUDY OF BASIC NEEDS INSECURITY IN HIGHER EDUCATION

Sara Goldrick-Rab, Jed Richardson, and Anthony Hernandez  
*Wisconsin HOPE Lab*

MARCH 2017

ACCT ASSOCIATION OF COMMUNITY COLLEGE TRUSTEES

33,000 students at 70 community colleges in 24 states

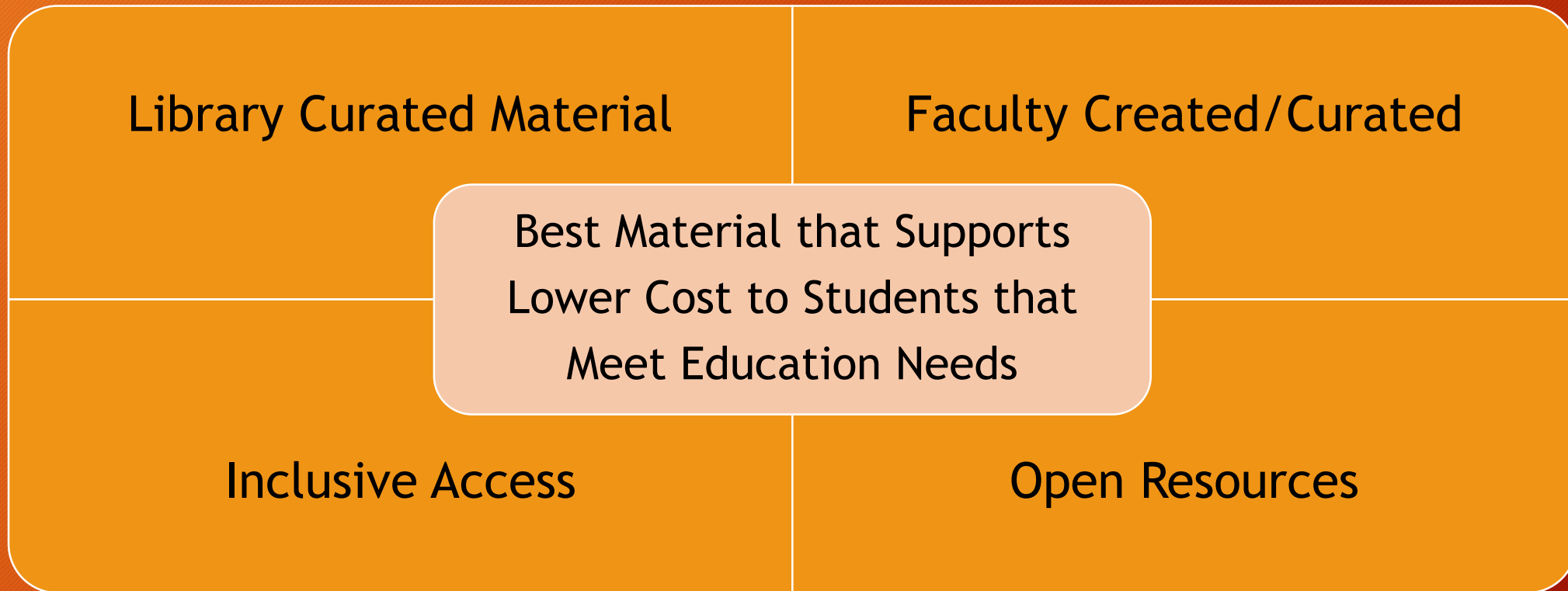
# \$75 inclusive access could purchase any of these:

- 21.5 gallons milk
- 21.5 loaves bread
- 20 lbs apples
- 75 lbs oranges
- 15 lbs potatoes
- 25 lbs broccoli
- 25 lbs green beans
- 11.75 lbs cheese
- 17 dozen eggs
- 23 cans soup
- 12.5 boxes oatmeal
- 13 boxes cereal
- 10 lbs ground beef
- 18.75 5lbs bags of flour
- 16.75 5 lbs bags cornmeal
- 16.7 lbs dried beans
- 15 5 lb bags rice
- 37.5 cans sardines

# Challenge ...

- Go without eating before the next meeting

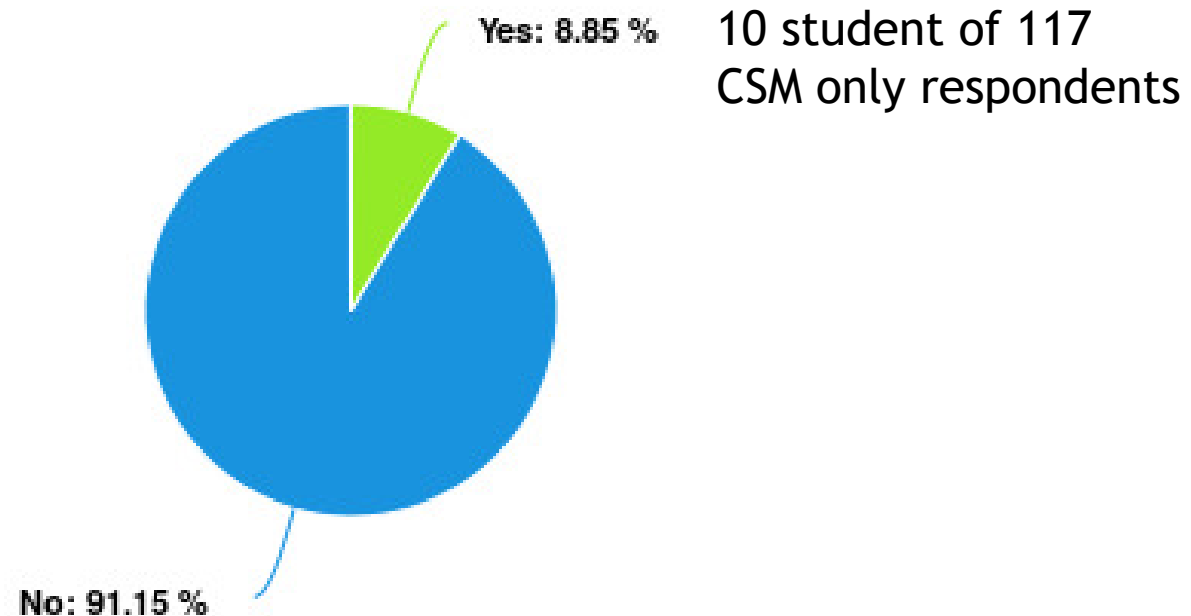
# The umbrella concept to lower cost **and meet the education needs** of students



# Student Need

## - OER week student survey

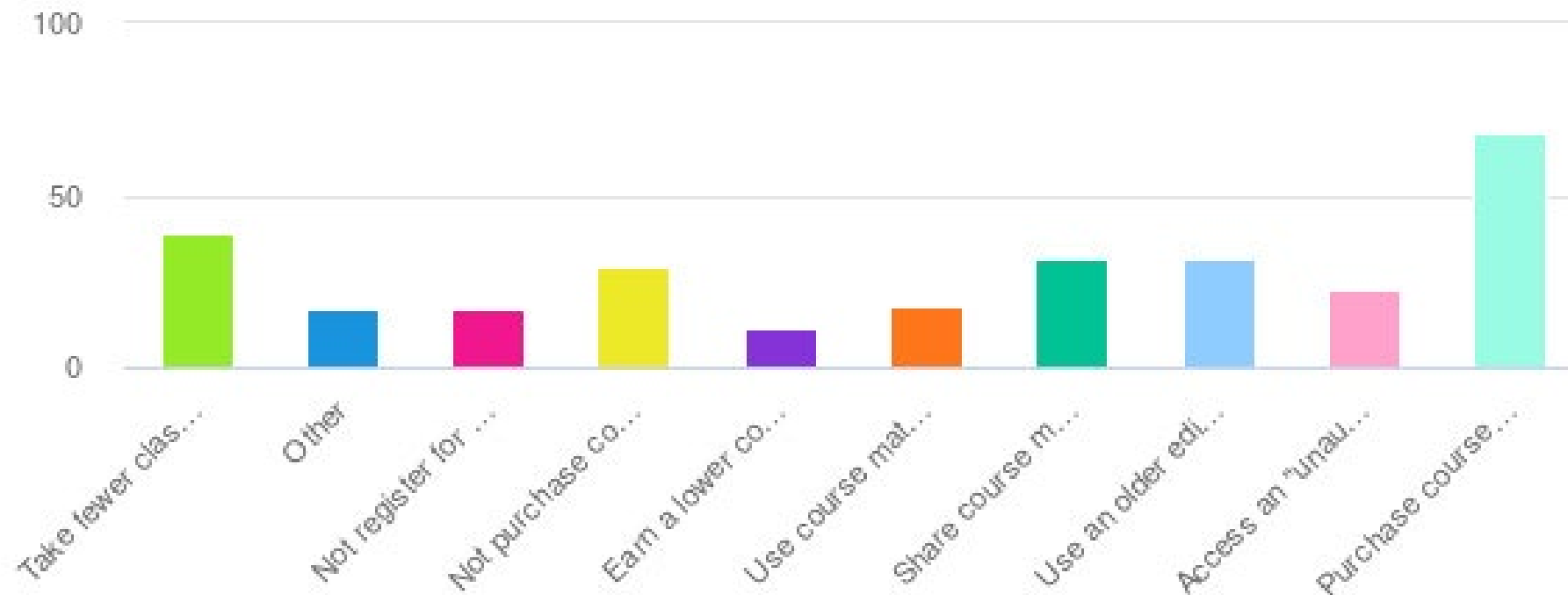
3. In the past two years, I have dropped a course because I could not afford the course material(s).



# Student Need

- OER week student survey

2. Has the high cost of required course material(s) ever led you to do any of the following?



CSM: 60.1%

<https://scorecard.cccco.edu/>

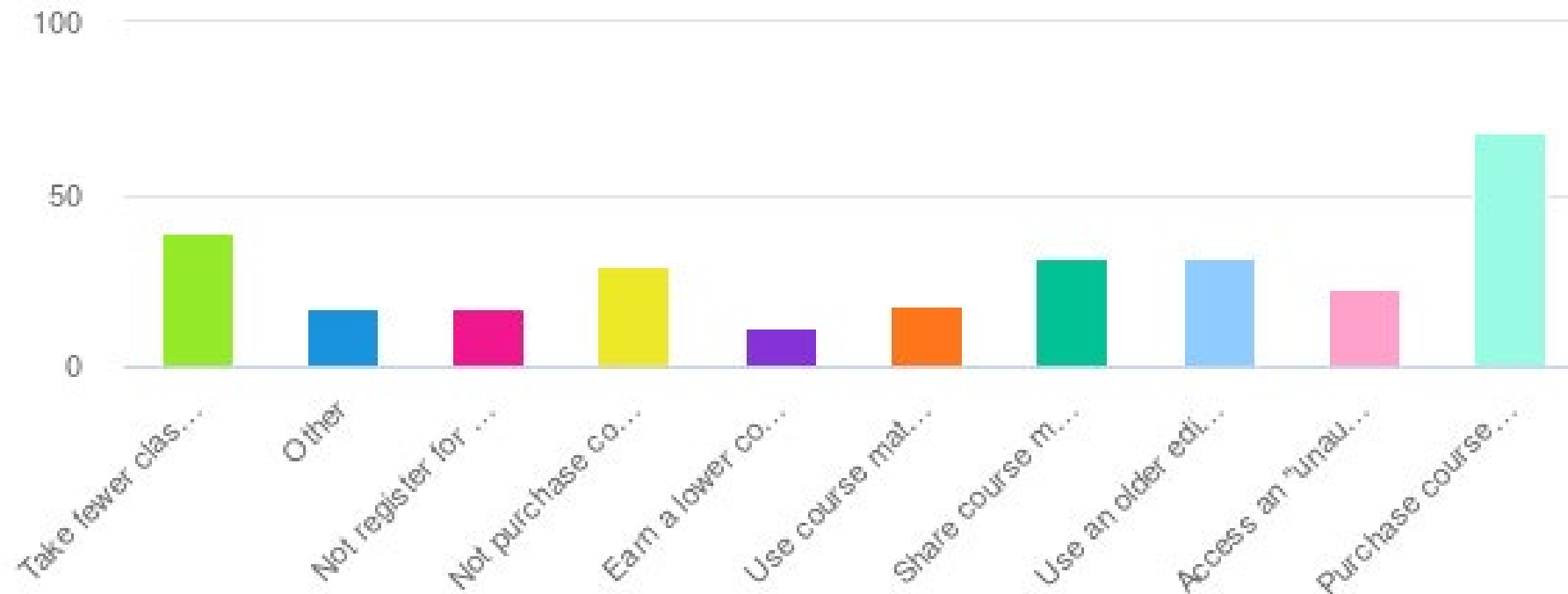
- Percentage of degree, certificate and/or transfer-seeking students starting first time in 2012-13 tracked for six years through 2017-18 who completed a degree, certificate or transfer-related outcomes



# Hypothesis: If we address textbook cost, then time to completion will decrease.

- measurable outcomes; based on evidence published about OER

2. Has the high cost of required course material(s) ever led you to do any of the following?



California State University General Education Breadth	SP2021
Area A1 - Oral Communications - 3 units	0
Area B1 - Physical Science - 3 units	1
Area B2 - Life Science - 3 units	3
Area B3 - Science Lab - 1 unit	2
Area B4 - Math Concepts - 3 units	2
Area C1 - Arts - 3 units	1
Area C2 - Humanities - 3 units	2
Area C1 or C2 - Arts or Humanities - 3 units	3
Area D - Social, Political, Economic Institutions - 3 units	5
Area D - Social, Political, Economic Institutions - 3 units	5
Area D - Social, Political, Economic Institutions - 3 units	5
Area E - Lifelong Understanding - 3 units	5

IGETC-CSU requirements	2017-18		Sp2019		Sp2021	
(minimum new textbook option)	course	cost	course	cost	course	cost
ENGL 100 or 105	ENGL 105	17	ENGL 105	17	ENGL 100	17
ENGL 110 or 165	ENGL 110	13	ENGL 110	14	ENGL 110	20
one of COMM 110, 130, 140, 150	COMM 110	20	COMM 110	0	multiple	0
Area 2 Math	Math 200	20	Math 200	0	multiple	0
Area 3 Arts	DGME 215	0	DGME 215	0	multiple	0
Area 3 Humanities	PHIL 244	0	PHIL 244	0	multiple	0
Area 3 Arts or Humanities	ETHN 585	0	ETHN 585	0	multiple	0
Area 4 Social & Behavioral Science	HIST 100	0	ETHN 103	0	multiple	0
Area 4 Social & Behavioral Science	HIST 101	0	HIST 101	0	multiple	0
Area 4 Social & Behavioral Science	DGME 100	0	DGME 100	0	multiple	0
Area 5A Physical Science	PALN 110	70	GEOL 100	40	ASTR 100	27
Area 5B Biological Science	PSYC 220	45	BIOL 100	31	multiple	0
Area 5C Science Lab	PALN 111	0	GEOL 101	0	BIOL 132	0
<b>Total</b>		<b>\$184.45</b>		<b>\$101.95</b>		<b>\$63.90</b>

# “Zero Textbook Cost (ZTC)”



... community college courses that eliminate conventional textbook costs by using alternative instructional materials and methodologies, including open educational resources ...

*CA Education Code Section 78052(a)*

# What is the outcome if CSM does not do this?

- Remain at 60.1%
- Currently students can search webschedule with a ZTC filter
- Students can use CVC

# What is the proposed solution?

## OER - to facilitate or create?

- Use what is out there
- Create what is needed
  - Text
  - Ancillary material
    - Homework: <https://myopenmath.com>
    - Videos
    - Testbanks
  - Copyright and Attribution

# Reflecting on the Social Messages of our Chosen Textbooks

“Teaching is never a neutral act. The texts we bring into our classrooms have messages about social continuity and social change, whether we acknowledge these messages or not.” - *Shantel Ivits*

*Ivits*

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# OER Week

## what I learned about CSM

- The good
  - Faculty use OER
  - Faculty have created own OER
  - CSM Faculty participated in panel discussion
  - There is more out there in courses that don't qualify as ZTC



# OER Week

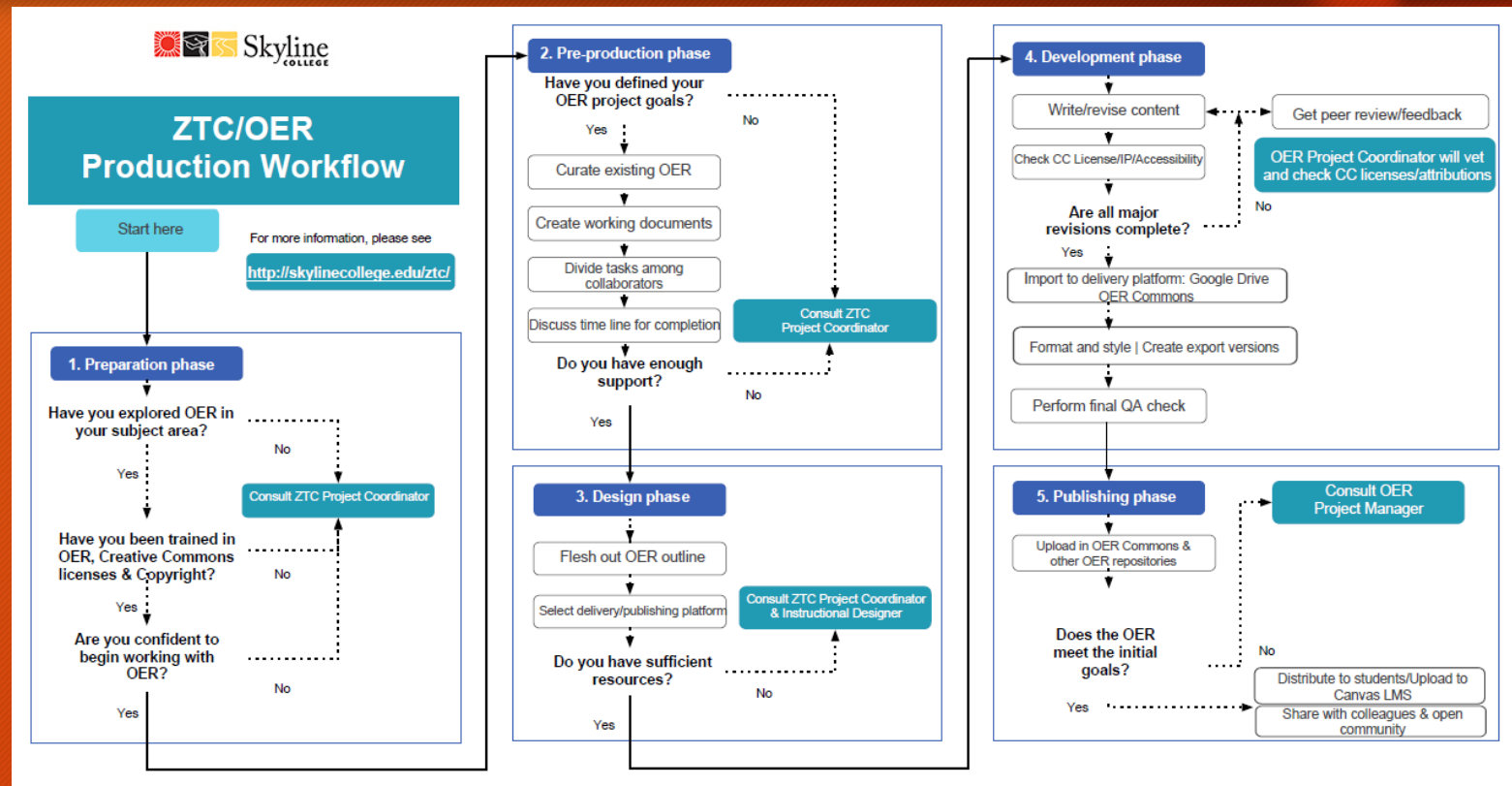
## what I learned about CSM

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  - There is more out there in **courses that don't qualify as ZTC**
- The bad

# One Approach

- Professional Development
  - Should be long term and project driven and goal focused

# Skyline is 3 years ahead of CSM



## How to use this workflow diagram

This workflow helps you understand the major steps in the production of OER and manage your own progress towards creating an OER. Key questions are asked at various points with direction and support from OER project manager and other staff also included.

## Terms and their meaning

OER = Open Educational Resources  
 CC = Creative Commons  
 IP = Intellectual Property  
 QA = Quality Assurance  
 LMS = Learning Management System



This work by Skyline College is derived from the OER Workflow v1.1 created by Billy Meinke, University of Hawai'i at Mānoa Outreach College, remixed by Ame Maloney for Skyline College, is licensed under a CC BY 4.0 International License.

# What is needed?

- Coordination of efforts
- Dedicated support
  - OER cLibrarianoordinator
  - Accessibility
  - Instructional Design
- Faculty Outreach
  - Education
  - Professional Development
  - Establish contacts with colleagues throughout the state

# Faculty needs

- Training / Professional Development
  - Already held FLEX activities
  - At CSM: Talking to Library and Professional Development Coordinator, faculty
  - Outside CSM: Talking to Libretext, OERI support, Diablo Valley College
- Basic education about OER/ZTC
- Fair use
- Sources - reach out state wide - encourage interaction address some faculty concerns
- Encourage use, curation, creation

Questions?

# What is needed?

## GE Pattern

Which course have the most impact - # of sections  
data being collected

## ADT core courses

which are already using OER  
which are interested in using OER

Z-degree - what already exists, which are the low hanging fruit?

High Impact areas with measurable outcomes