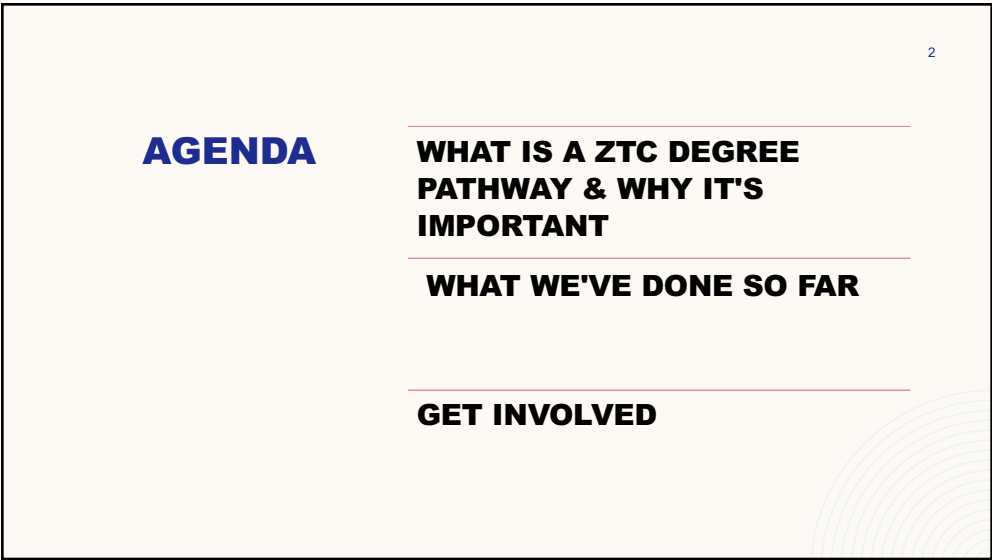
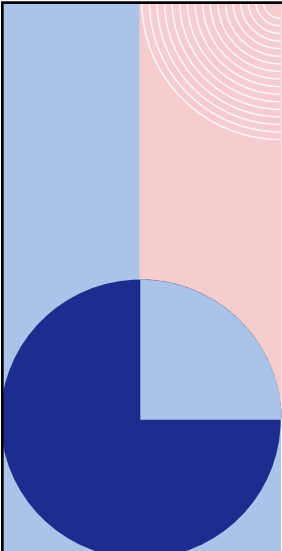


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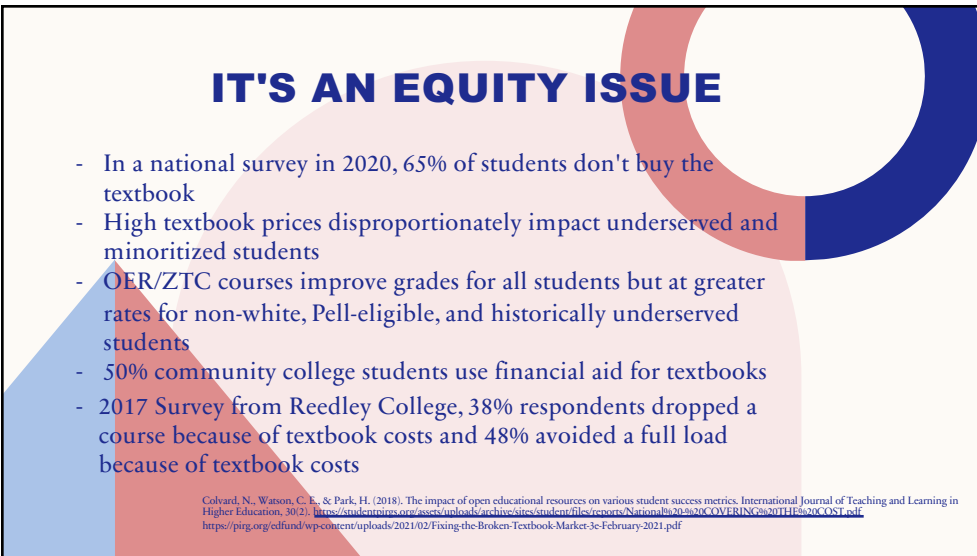
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## WHAT IS A ZTC PATHWAY

- ADT or AA degree or CE certificate of achievement with no textbook fees passed on to students
- Required and elective courses have zero textbook costs for students (not all sections, but that's ideal)
- ZTC is different from OER (Open Educational Resources): includes openly licensed material, library books and databases, YouTube videos, websites, works in the public domain, textbooks purchased by the school, free online reader or workbook

\*\*\*See the [Chancellor's Office ZTC Program](#) for details

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## IT'S AN EQUITY ISSUE

- In a national survey in 2020, 65% of students don't buy the textbook
- High textbook prices disproportionately impact underserved and minoritized students
- OER/ZTC courses improve grades for all students but at greater rates for non-white, Pell-eligible, and historically underserved students
- 50% community college students use financial aid for textbooks
- 2017 Survey from Reedley College, 38% respondents dropped a course because of textbook costs and 48% avoided a full load because of textbook costs

Colvard, N., Watson, C. E., & Park, H. (2018). The impact of open educational resources on various student success metrics. International Journal of Teaching and Learning in Higher Education, 30(2). <https://studenttimes.com/assets/mjolok/archives/sites/student/files/resources/National%20COVERING%20THE%20COST.pdf>  
<https://prtg.org/elfund/wp-content/uploads/2021/02/Fixing-the-Broken-Textbook-Market-3e-February-2021.pdf>

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# CLASS AND DEGREE MAPPING

Class name	Instructor(s)	OER (x)	ZTC (x)	Textbook name and link
Asl 53				
Asl 53 A/B				
ASL 55A				
ASL 55B				
ASL 57				
Astr 10	Fillingim	x	x	FREE ONLINE AT <a href="https://openstax.org">HTTPS://OPENSTAX.ORG</a>
Astr 15				
Biol 10	Bertrand, Chang	x	x	FREE ONLINE AT <a href="https://openstax.org">HTTPS://OPENSTAX.ORG</a>
Biol 10L				
Biol 118				
Biol 13				
Biol 13L				
Biol 1A	Yang	x	x	FREE ONLINE AT <a href="https://openstax.org">HTTPS://OPENSTAX.ORG</a>
Biol 1A/L	Yang			
Biol 1B	DeHaan	x	x	FREE ONLINE AT <a href="https://openstax.org">HTTPS://OPENSTAX.ORG</a>
Biol 1BL	DeHaan			
Biol 25				

Class name	Instructor(s)	OER (x)	ZTC (x)	Textbook name and link	Bookstore verified (x)	Online schedule verified (x)	Group Area
Area 1 - English Communication							
CSU: 3 courses required, 1 each from Group A, B, C							
UC: 1 course from Group A							
ENGL 1A							1A
Biol 32							1B
COMM 5							1B
ENGL 5							1B
COMM 3							1C
COMM 4							1C
COMM 20							1C
COMM 45							1C
Area 2 - Mathematical Concepts and Quantitative Reasoning							
1 course							
MATH 1							
MATH 2							
MATH 3A							
MATH 3B							
MATH 3C							
MATH 3E							
MATH 3F							

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## WE ARE SO CLOSE!

- AAs that are close to being ZTC: Analytical Chemistry, Biology, Communication, Education, History, Multimedia Arts, Psychology, Political Science
- GE and IGETC areas needed: English 1A, Math, Physics, Ethnic Studies
- Overall social sciences (Soc 1), Math 13, STEM degrees need physics

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## What we need to do...

Planning Grant \$20,000		Implementation Grant \$180,000	
Spring 2023	Summer 2023	Fall 2023	Spring 24-beyond
<ul style="list-style-type: none"> <li>• Approve and post ZTC Coordinator</li> <li>• Contact and recruit faculty to conduct ZTC Needs Assessment</li> <li>• Ensure our online schedule has ZTC icons</li> </ul>	<ul style="list-style-type: none"> <li>• Faculty in non-ZTC classes conduct Needs Assessment</li> <li>• ZTC grant coordinators support faculty through coaching and consultation</li> </ul>	<ul style="list-style-type: none"> <li>• Continue recruiting faculty for needs assessment</li> <li>• Analyze completed needs assessments and identify courses &amp; degrees/certs for conversion</li> <li>• Educate faculty and chairs about LTC icon</li> </ul>	<ul style="list-style-type: none"> <li>• Faculty convert courses to ZTC</li> <li>• Continue identifying and recruiting faculty for possible conversion</li> <li>• Work with counseling to use degree mapper to advertise</li> <li>• Develop a website to advertise</li> <li>• Implement LTC icon</li> </ul>

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## GET INVOLVED



### ZTC PROGRAM COORDINATOR NEEDED!

- Lead and coordinate activities and reporting related to the ZTC program
- Support faculty to find and implement ZTC and OER materials in their classes
- Help develop strategies to advertise ZTC degrees/certs to students
- Track data related to ZTC and LTC classes
- Work with the AEM and other shared gov groups to integrate ZTC into existing initiatives on campus



### NEEDS ASSESSMENT FOR FACULTY

- What materials are needed to go ZTC
- Identify and evaluate possible OER or other ZTC that you can implement or adapt for your course (BCC Librarians can help with that)
- Stipends of \$500
- Write up your findings
- Meet with grant leads



### CONVERSION

- Workplan to estimate time needed to convert class(es)
- Stipends and release time
- Convert your textbook or class material to OER or ZTC
- Meet with grant leads
- Compensation TBD based on workplans

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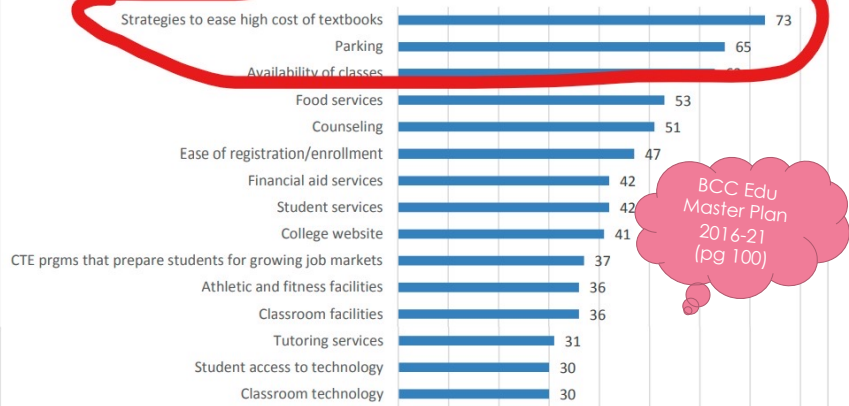
# THANK YOU

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What do you believe are the most significant areas needing improvement at the College? (Select all that apply)



BCC Edu  
Master Plan  
2016-21  
(pg 100)

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## IT MAKES A DIFFERENCE

### Pasadena City College

	OER/ZTC Corresponding	Non OER/ZTC Corresponding
Retention	91%	85%
Success	80%	67%

### Tidewater Community College

	OER/ZTC Courses	Non OER/ZTC Courses
Success f2f	66.4%	59.8%
Success online	59.8%	54.2%