SAN DIEGO COMMUNITY COLLEGE DISTRICT

City College • Mesa College • Miramar College • College of Continuing Education

Report on Open Educational Resources and Reducing Textbook Costs for Students

Spring 2021

Board Of Trustees Meeting
April 8, 2021

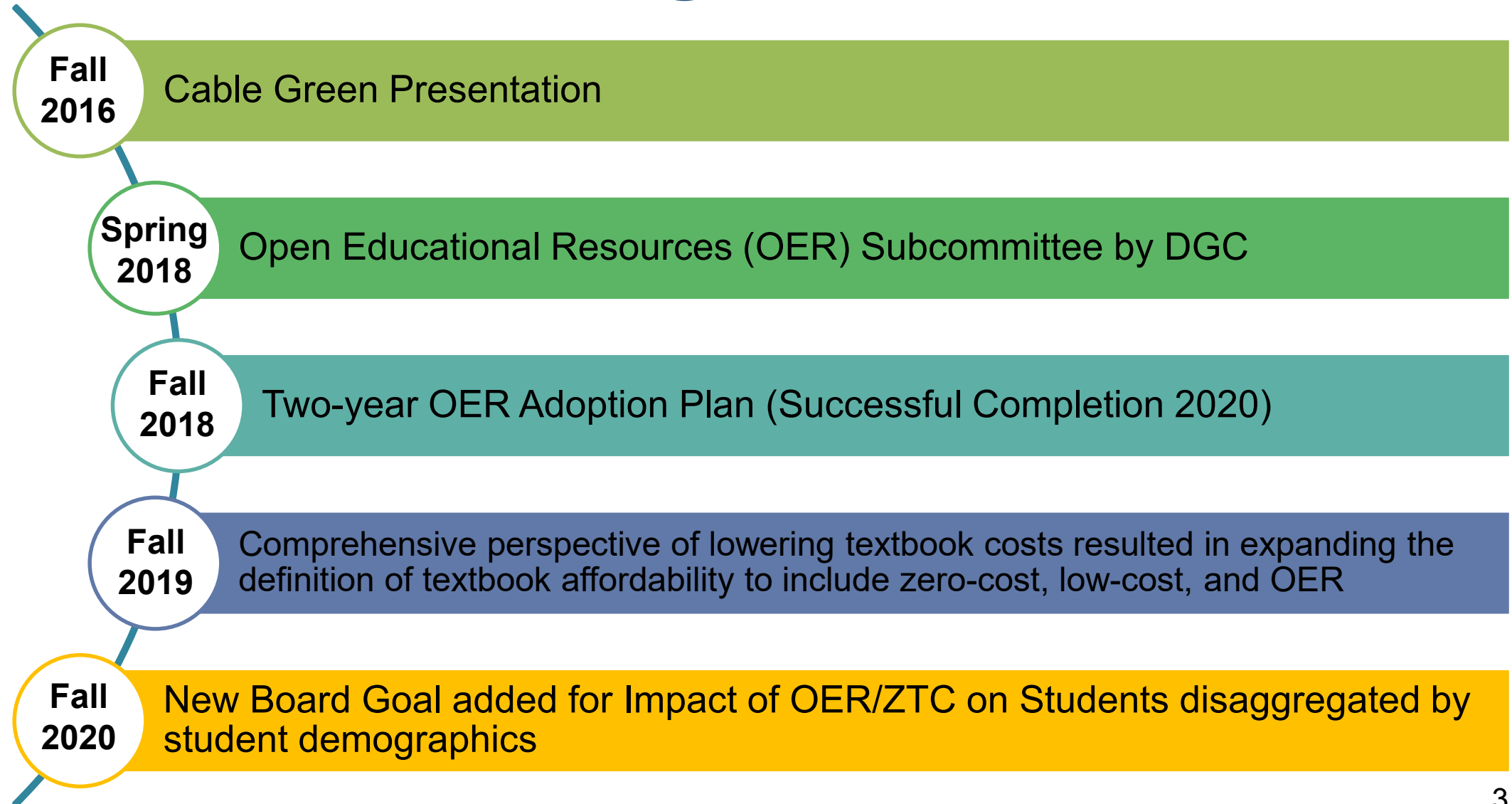# Definitions

OER (Open Educational Resources)

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.

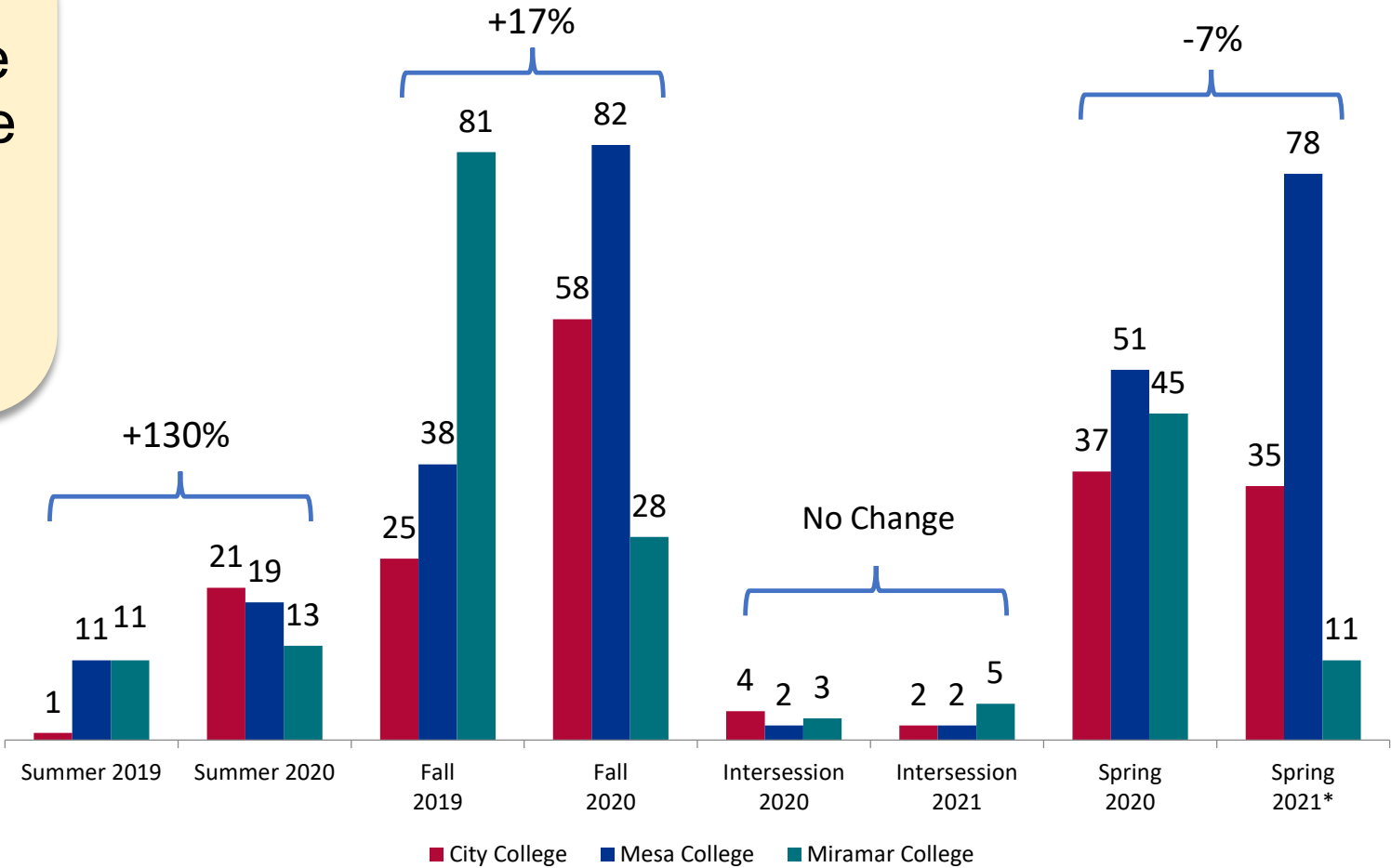## ZTC (Zero Textbook Costs) defined in SB 1359

Courses that use digital materials that are free of charge to students and may have a low-cost option for print versions.

Background

Fall 2016 — Cable Green Presentation

Spring 2018 — Open Educational Resources (OER) Subcommittee by DGC

Fall 2018 — Two-year OER Adoption Plan (Successful Completion 2020)

Fall 2019 — Comprehensive perspective of lowering textbook costs resulted in expanding the definition of textbook affordability to include zero-cost, low-cost, and OER

Fall 2020 — New Board Goal added for Impact of OER/ZTC on Students disaggregated by student demographics

College ZTC Sections

663 ZTC sections have been offered across the credit colleges since Summer 2019

+130%

+17%

-7%

No Change

	Summer 2019	Summer 2020	Fall 2019	Fall 2020	Intersession 2020	Intersession 2021	Spring 2020	Spring 2021*
City College	1	21	25	58	4	2	37	35
Mesa College	11	19	38	82	2	2	51	78
Miramar College	11	13	81	28	3	5	45	11

■ City College   ■ Mesa College   ■ Miramar College

Source: Office of Institutional Research and Planning

Percent change of sections is across the credit colleges
*Spring 2021 values are scheduled sections as of 3/16/21

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Top 5 ZTC Subjects

- Since Summer 2019 the subject with most ZTC sections offered at SDCCD was Mathematics.

- Each college has unique top ZTC subjects.

**Top ZTC subjects
(Summer 2019 - Fall 2020)**

Credit Colleges	
Subject	**Sections**
Mathematics	93
History	43
Business	36
Sociology	35
English	35

Top ZTC subjects (Fall 2020)

City College	
Subject	**Sections**
Psychology	8
Business	7
Sociology	6
Child Development	5
History	5

Mesa College	
Subject	**Sections**
English	14
Mathematics	13
Health Education	9
Personal Growth	7
Art - Fine Art	6

Miramar College	
Subject	**Sections**
Mathematics	7
Psychology	3
History	2
*	2
*	2

Credit Colleges	
Subject	**Sections**
Mathematics	20
English	15
History	12
Health Education	12
**	11

*Miramar's 4th most offered subjects are Astronomy, English Language Acquisition, Personal Growth, Art - Fine Art, and Business.
**The Credit Colleges 5th most offered subjects are Business, Psychology and Sociology.
Source: Office of Institutional Research and Planning

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ZTC Fill Rate Comparison

- ZTC Symbol added to online schedule Fall 2020
- ZTC Demand immediately increased

💲 Zero Cost Textbooks
This class uses no cost textbooks (free).

When	Course Type	Number of Days Prior to Opening Day			
		> 56 days	43-56 days	29-42 days	15-28 days
Pre Symbol	Non-ZTC	27%	35%	51%	69%
Pre Symbol	ZTC	27%	35%	53%	70%
Post Symbol	Non-ZTC	20%	43%	62%	77%
Post Symbol	ZTC	33%	60%	77%	88%

Note 1: Pre Symbol (Fall 2019/Spring 2020), Post Symbol (Fall 2020/Spring 2021).
Note 2: Green color shows higher fill rate for course type while red shows lower.

Source: Office of Institutional Research and Planning

Fall 2020 Success & Completion Rates

- Overall student success in ZTC sections is 2% greater than non-ZTC sections.

- Overall student completion in ZTC sections is similar to non-ZTC sections.

	City College		Mesa College		Miramar College		Credit Colleges	
	Non-ZTC	ZTC	Non-ZTC	ZTC	Non-ZTC	ZTC	Non-ZTC	ZTC
Enrollments	4,650	2,082	10,421	2,754	2,317	992	17,388	5,828
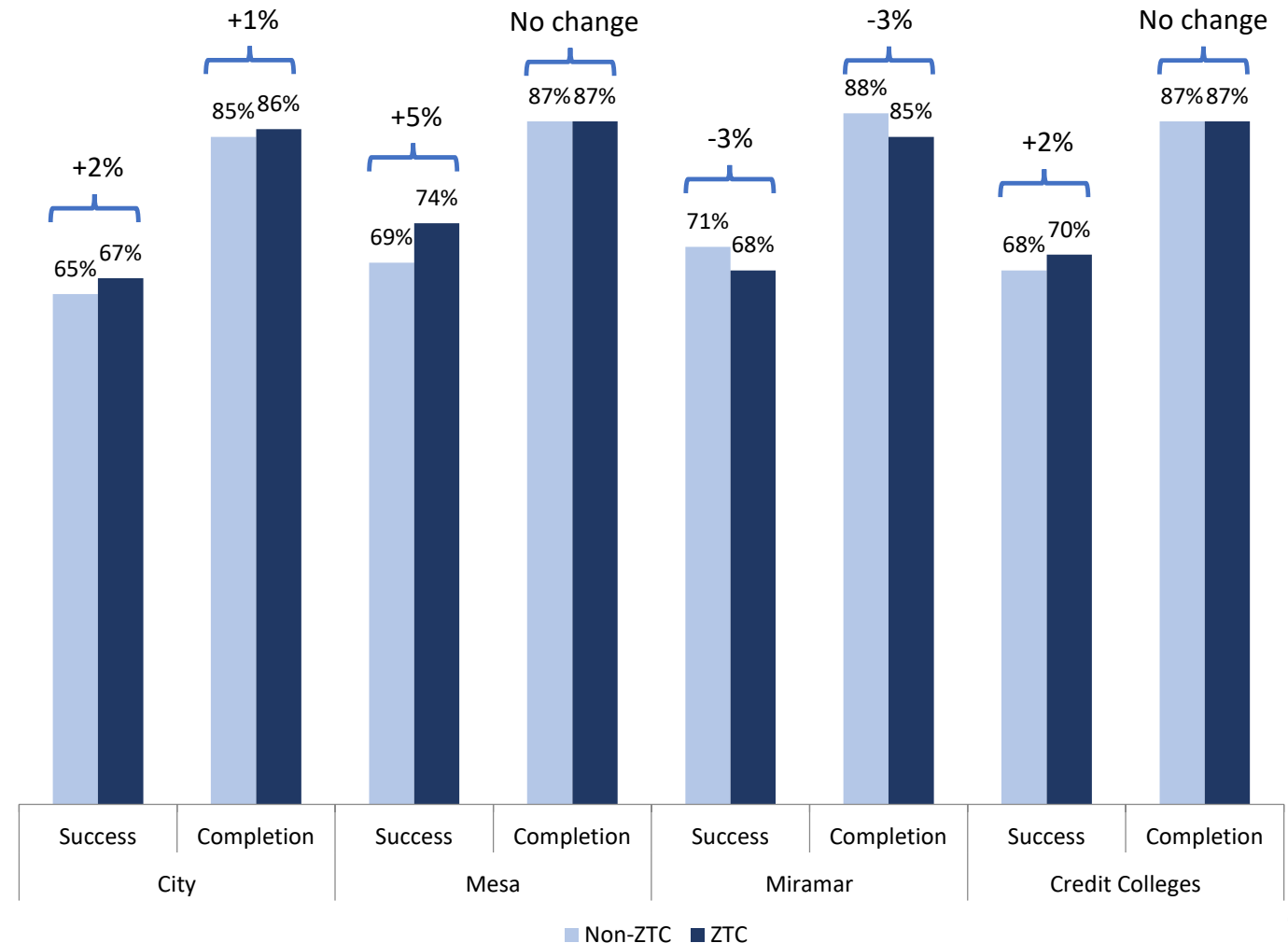
Source: Office of Institutional Research and Planning

Cost Savings to Students

Fall 2020									
College	Rentals	No Cost Resources‡	Digital/ e-Books	Low Cost*	Used Books	OER	Textbooks on Reserve†	No Textbook Required (Bookstore)	Total
City	$1,147	n/a	$46,758	$16,651	$8,337	$133,210	n/a	$666,050	$872,153
Mesa	$3,744	n/a	$181,101	$83,256	$18,581	$219,790	n/a	$845,884	$1,352,356
Miramar	$1,260	n/a	$65,737	$13,321	$10,196	$73,263	n/a	$173,173	$336,950
Continuing Education	n/a	$24,808	$113,555	n/a	n/a	$108,200	$217,599	n/a	$464,162
Total	**$6,151**	**$24,808**	**$407,151**	**$113,228**	**$37,114**	**$534,463**	**$217,599**	**$1,685,107**	**$3,025,621**

$3,025,621 Total Savings Districtwide

Source: SDCCD Bookstore
* Low Cost are textbooks that cost $40 or less
† Library Reserves were not available for most colleges due to Covid-19 except for Continuing Education
‡ No Cost Resources were not available for most colleges due to Covid-19 except for Continuing Education

Cost Savings to Students

College/ Continuing Education	Rentals	No Cost Digital	Digital/ e-Books	Low Cost*	Used Books	OER	Textbooks on Reserve†	No Textbook Required (Bookstore)‡		Total
Fall 2019										
City	$6,407	$47,858	$74,200	$107,204	$31,175	$53,841	$136,012	$396,826		$853,523
Mesa	$38,945	$65,700	$327,240	$77,880	$55,200	$137,970	$139,910	$463,185		$1,306,030
Miramar	$9,993	$225,432	$91,400	$23,822	$29,750	$148,409	$134,650	$101,444		$764,900
Continuing Education	n/a	$45,390	n/a	$121,930	n/a	$72,090	n/a	n/a		$239,410
Total	**$55,345**	**$384,380**	**$492,840**	**$330,836**	**$116,125**	**$412,310**	**$410,572**	**$961,455**		**$3,163,863**

$3,163,863 Total Savings Districtwide

Source: SDCCD Bookstore
* Low Cost are textbooks that cost $40 or less
† Library Reserves are estimated cost savings based on the number of textbooks on reserve.
‡ No Textbook Required information is from the SDCCD Bookstore and is noted in the Online Class Schedule.

Sections Offering Cost Savings for Students

|	Fall 2020							
Institution	Total Sections Fall 2020	OER	No Cost/Digital	No Textbook Required	Total faculty using no cost resources	Total faculty using Low cost	Total faculty using no cost or low cost	% Total sections using no cost or low cost
City	1,182	40	61	197	298	5	303	26%
Mesa	1,882	66	92	254	412	25	437	23%
Miramar	1,077	22	23	52	97	4	101	9%
Continuing Ed *	1,355	80	215	n/a	295	n/a	295	22%
District Total	**5,496**	**208**	**391**	**503**	**1,102**	**34**	**1,136**	**21%**

* CCE numbers are based on limited data from reports, campus store data, and invoices for loaners

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Sections Offering Cost Savings for Students

Fall 2019							
Institution	Total Sections Fall 2019	OER	No Cost/Digital	No Textbook Required	Total sections using no cost resources	Total sections using Low cost	Total sections using no cost or low cost	% Total sections using no cost or low cost
City	1,402	27	24	199	250	141	391	28%
Mesa	2,134	84	40	282	406	175	581	28%
Miramar	1,183	79	120	54	253	48	301	35%
Continuing Ed	1,348	81*	51*	n/a	132	137	269	20%
District Total	**6,067**	**271**	**184**	**586**	**1,041**	**501**	**1,542**	**26%**

*8/2019 OER Survey for Faculty, Institutional Research

Faculty Offering Cost Savings for Students

	Fall 2020							
Institution	Total Faculty (PT/FT) fall 2020	OER	No Cost/Digital	No Textbook Required	Total faculty using no cost resources	Total faculty using Low cost	Total faculty using no cost or low cost	% Total Faculty using no cost or low cost
City	461	18	19	105	142	1	143	31%
Mesa	689	24	22	96	142	16	158	23%
Miramar	425	18	17	30	65	2	67	16%
Continuing Ed*	290	n/a	n/a	n/a	n/a	n/a	n/a	n/a
District Total	1,865	60	58	231	349	19	368	20%

*Data for the number of faculty offering Cost Saving materials for students could not be obtained at this time.

Faculty Offering Cost Savings for Students

Fall 2019							
Institution	Total Faculty (PT/FT) Fall 2019	OER	No Cost/Digital	No Textbook Required	Total faculty using no cost resources	Total faculty using Low cost	Total faculty using no cost or low cost	% Total Faculty using no cost or low cost
City	574	16	15	84	115	114	229	40%
Mesa	885	31	19	91	141	86	227	26%
Miramar	638	39	58	34	131	30	161	25%
Continuing Ed	723	33*	14*	n/a	47	95	142	20%
District Total	2,820	119	106	209	434	325	759	27%

Districtwide Efforts to Increase OER Usage

Progress in Increasing OER Usage in 2021

- The SDCCD Online Learning Pathways have hosted a series of OER Workshops and most recently a comprehensive OER Week.

- Maintaining the SDCCD OER Textbook repository with over 30 subjects and 330 Free Textbooks and counting:

  http://sdccdoer.net/oer_sdccd/
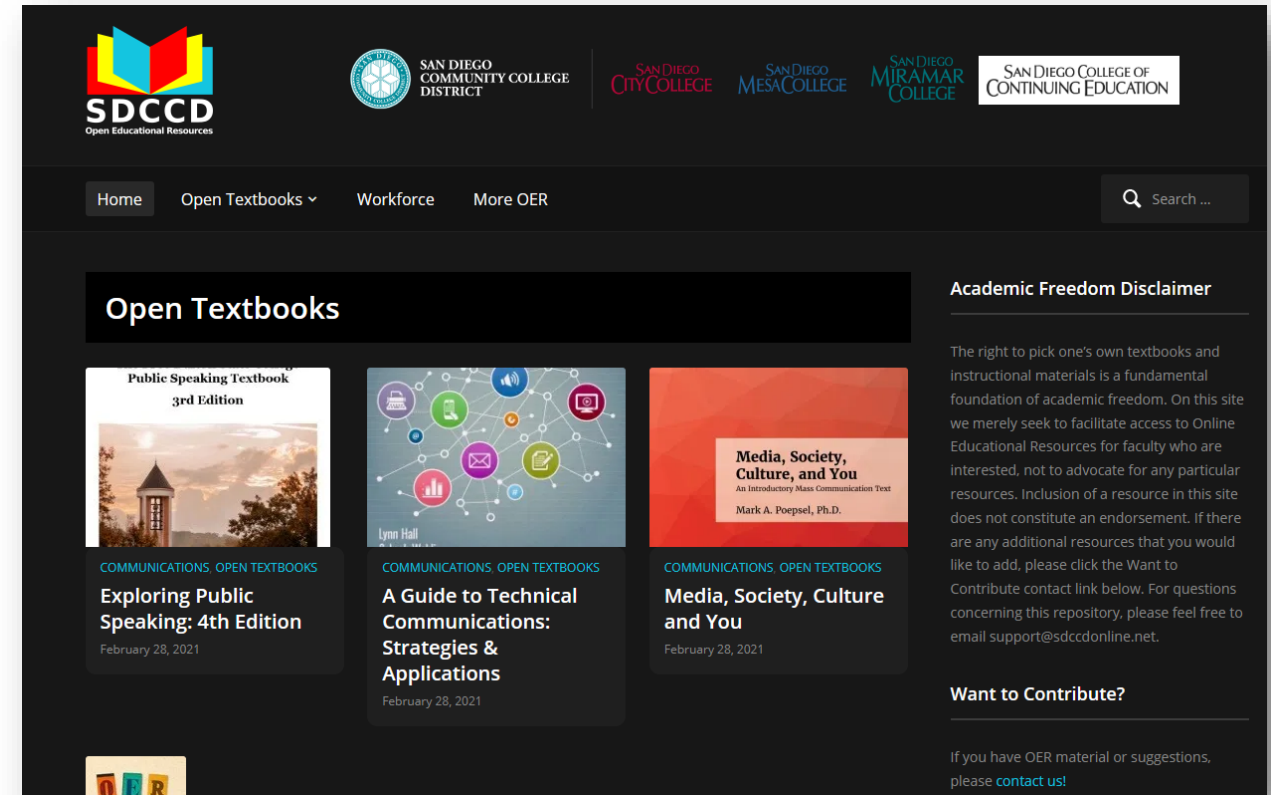
OER Week

- Nine guest speakers
- Topics included:
  - Faculty Panels (Humanities and Math)
  - Student Panel (Math)
  - OXO: When Open Meets Online
  - Social Justice, Equity, Diversity, Inclusion, and Open Education

- Over 147 individuals registered for the week's events
- Total of 218 viewers across all 11 webinars
- All webinars were recorded and made available for our Faculty on the SDCCD On Demand Website

SDCCD Open Educational Resources (OER) Week

For more information and to register: http://bit.ly/3bypX4L

SAN DIEGO COMMUNITY COLLEGE DISTRICT

Schedule of Events

MONDAY 3/1
2:00 -3:00
Suzanne Wakim : OER your classes personalized? How Open Educational Practices support Universal Design

TUESDAY 3/2
2:00- 3:00
Regina Gong: Open Pedagogy/Open Education Practices
3:00-4:00
Lisa Burgert: SDCCD Humanities Faculty Panel

WEDNESDAY 3/3
11:00 -12:00 PM
Jin An- Dunning Don't Be Sued: Copyright & Creative Commons In the Classroom
3:00- 4:00 PM
Lisa Burgert: SDCCD Math Faculty Panel

THURSDAY 3/4
11:00 -12:00 PM
NEW Tonja Conerly: We Were Equitable, When Equitable Wasn't Cool
1:00 -2:00 PM
Suzanne Wakim: Open Pedagogy: Who is Steering the Ship and Where Are You Going?
3:00- 4:00 PM
Anne Gloag & Angela Boyd: Miramar Math Student Panel

FRIDAY 3/5
9:00 - 10:00 AM
Suzanne Wakim: OXO: When Open Meets Online
11:00 -12:00 PM
Jin An- Dunning: The Top 5 Things OER Advocates Should Know
12:00 - 1:00 PM
Jasmine Roberts: Social Justice, Equity, Diversity, Inclusion and Open Education

SAN DIEGO CITY COLLEGE

- [Maintain OER website](#) with instructional resources for faculty to adopt

- Investigating OER pilot in summer for development

- Language Arts top priority

- Reconstituting OER effort for affordable textbooks

SAN DIEGO MESA COLLEGE

- OER embedded in Temporary Remote Teaching and Mesa Buddies

- MOSAIC *Mesa's Open Shared Accessible Inclusive Courses*
  - Pilot launched Spring 2020
  - Cohorts Fall 2020, Spring 2021
  - 10 courses, 19 faculty

- OER/ZTC GE Pathway as of Fall 2020

- Fall 2020 $1,144,515 OER/ZTC student savings

- Faculty provided with lists of OER/ZTC alternatives every semester since Summer 2020

- Hired two OER Ambassadors

- Spring 2021 Achieving the Dream *Teaching and Learning with OER Study & Grant*

SAN DIEGO MIRAMAR COLLEGE

- OER Summit with President Lundburg, Interim VPI Berta Cuarón, Angela Boyd (OER Librarian), Anne Gloag (campus OER champion), Laura Murphy (AS President), Mary Hart (Library Chair), and Nancy Wichmann

- Presentations and office hours held during Flex week and throughout the semester

- Presentations made at departmental meetings.

- Panel presentation at OER / Open Ed week led by Anne Gloag and Angela Boyd with math students

- Exploring grant funding

- Co-requisite courses (ex: Math 96X, Math 116X) fully integrated with OER materials

SAN DIEGO COLLEGE OF CONTINUING EDUCATION

- Five OER certificate programs were implemented in Fall 2020 through the ICOM Academy. By Spring, 2022 there will be over 20 programs
- A book loaning program out of the Office of Instructional Services was created to enable CE's hard to convert (H2C) programs and students to continue online
- Fall 2020 Savings examples include:
  - Students in all HLTH, AUTO, MECT, and some ESLA sections were provided loaner or OER materials saving students $217,599
  - CTE is developing OER/Zero Textbook online materials for courses through ICOM, adding additional sections each semester
  - Students in 215 sections of CTE BIT are using department-purchased/provided materials for most classes. Most of the materials are digital and free to students, saving students more than $25,055
- The ESL Textbook Committee created and is continually updating an instructor ESL OER Resources list
- Every year the ESL Textbook Committee promotes the Backman Jennings Book Fund which has raised over $11,000 yearly and distributes book vouchers to students