## CREATING WAYS TO IMPLEMENT OER ON CAMPUS

DR. KIERSTEN BAUGHMAN & MELISSA REMICK

### AGENDA

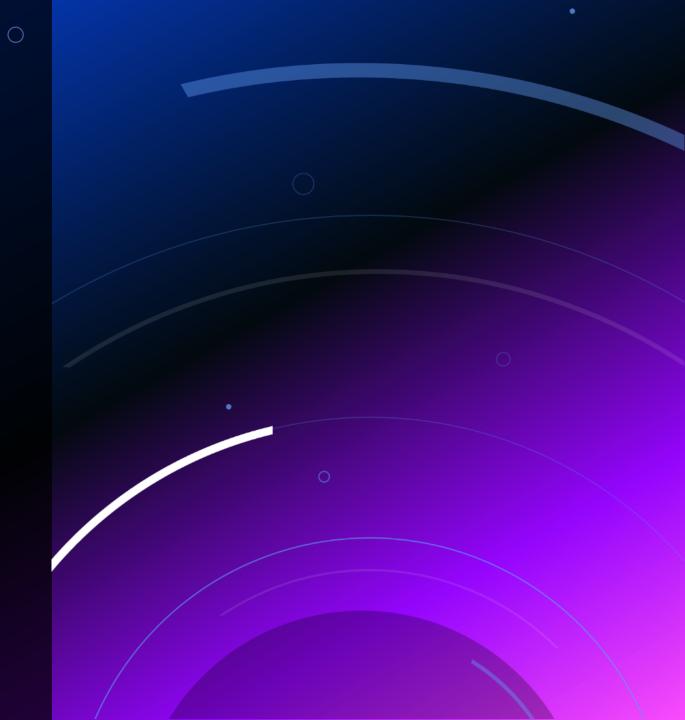
Defining OER

Challenges of OER

What has worked?

Funding options

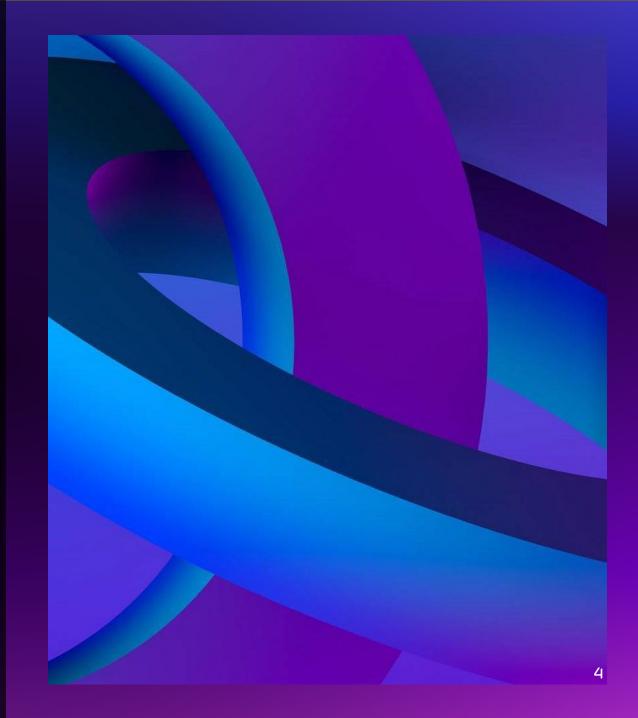
Moving forward



# THE WONDER OF

#### HURDLES TO IMPLEMENTING

### O E R



## **OER SUCCESSES**

- Large general education course curricula
- Faculty-led committee exploration
- Offsetting publisher costs
- Individual faculty/course transformation

## OER IN ENGLISH

## OER IN MATH



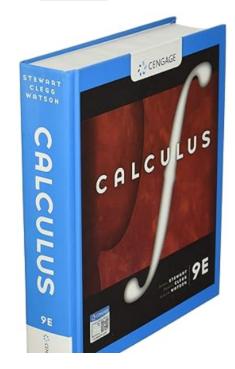
## **VALLEY CITY** STATE UNIVERSITY

# OER: VCSU Math



## Textbooks (purchase)

Books > Science & Math > Mathematics



ISBN-10	ISBN-13				Other Oseu, New, Coll	cetible non
	ICDN 17	Edition	Publisher	Publication date	Other Used, New, Coll	ectible from
Report an issue wit	n this product or seller				Paperback \$82.00	
problem sets. Selected a refinements retain Stew accompanying WebAssig Showing that Calculus is	nd mentored by Stewart, art <b>@</b> s clarity of exposition	Daniel Clegg and and make the 9th g support and new iful, the Stewart a	Saleem Watson continue h Edition an even more u w resources like Explore I pproach and WebAssign	his legacy and their careful sable learning tool. The t interactive learning modules.	eTextbook \$49.49 - \$86.49 Available instantly	Hardcover \$105.99 - \$199.
	-		•	Calculus series is the top-seller outstanding examples and	with Prime Try Prime and start so free delivery	aving today with <b>fas</b>
Calculus 9th Edition by James Stewart (Author), Daniel K. Clegg (Author), Saleem Watson (Author) 4.4 ***** 401 ratings				See all formats and editions	Enjoy fast, free deliv	•
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## Textbooks (OER)

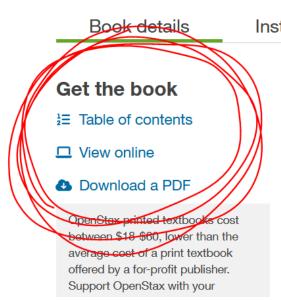
epen**stax**<sup>™</sup> Access. The future of education.

Calculus

Volume 1

Subjects Y

This textbook is available in English and Sp



#### Instructor resources

Student resources

#### Summary

*Calculus* is designed for the typical two- or three-se innovative features to enhance student learning. The concepts of calculus and helps them understand hc world around them. Due to the comprehensive natu three volumes for flexibility and efficiency. *Volume 1* integration.

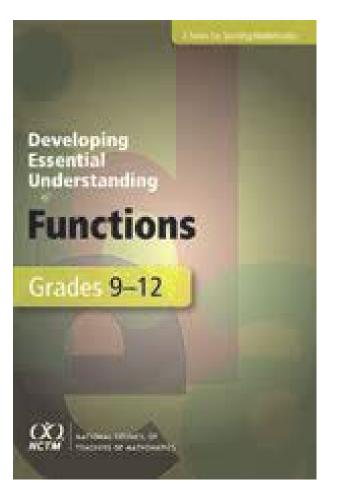
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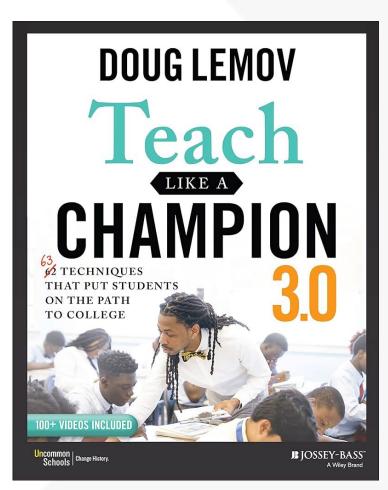


## open**stax**<sup>™</sup>



# Textbooks (via digital library checkout)





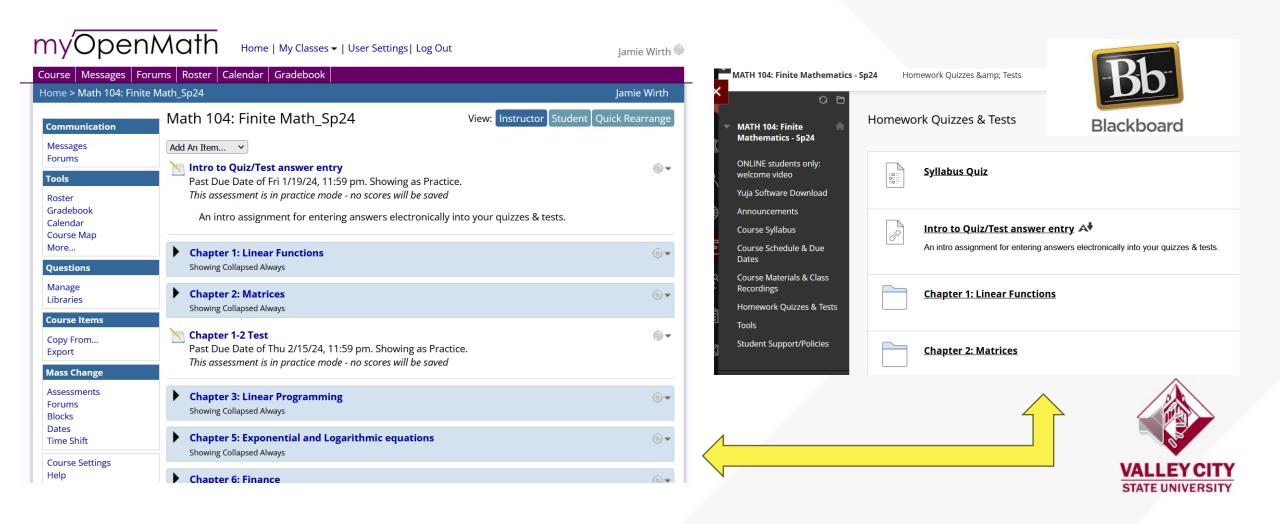


## Online homework, quizzes, tests (purchase)

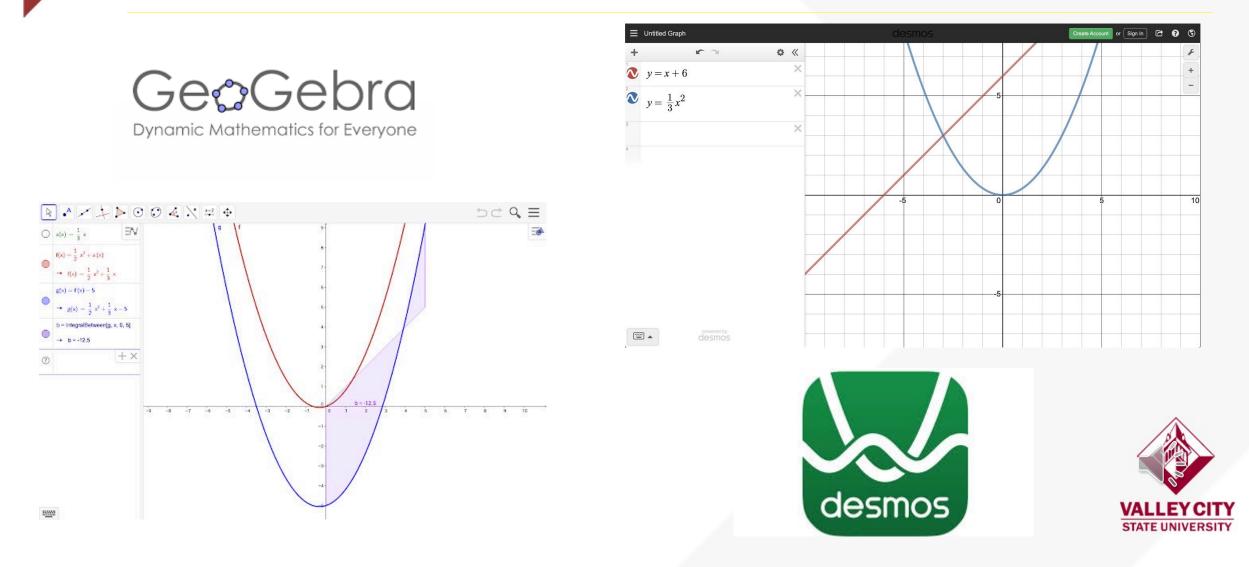




## Online homework, quizzes, tests (OER)



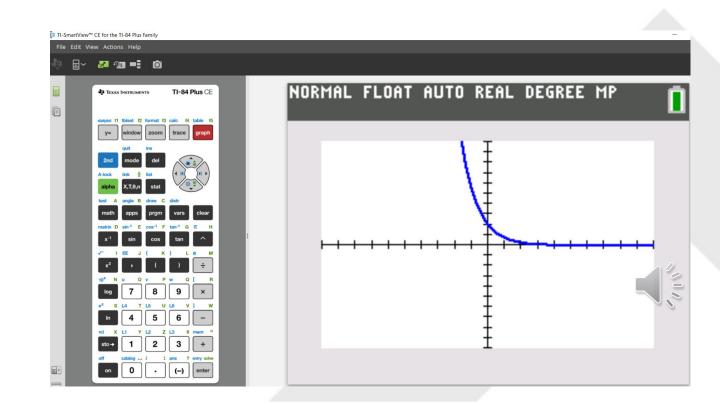






## OER Math Technology

#### TI-84 CE: Available for checkout at VCSU Library

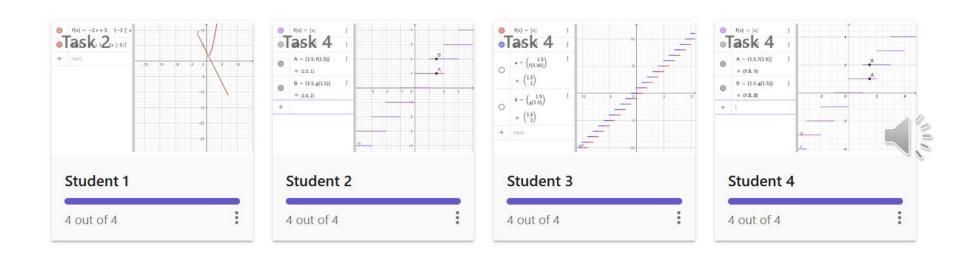


## In-Class Participation

≡ Ge@Gebra Classroom



#### 10 student(s) in lesson



PYHF 5BZT

SHOW NAMES

PAUSE

?

## In-Class Participation

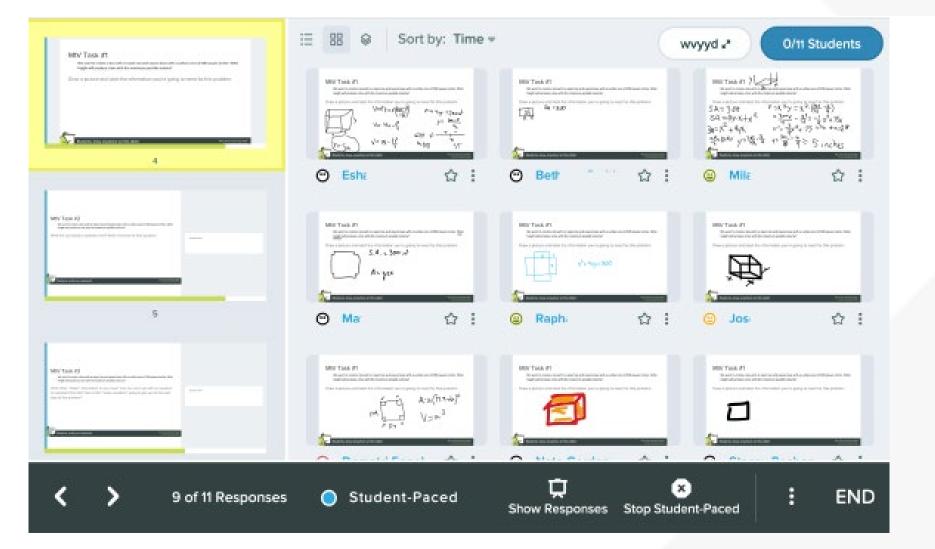
### **desmos** classroom

STUDENTS NKMZB 🔅 «	Function Carnival, Part 2	0	desmos	Desmos -
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d Function Carnival, Part 2 NKMZ8							Summary	Teacher	icher Student
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Sofia Kovalevskaya		0		0			( # )		0
Shigefumi Mori		0		0	0			~	
Jean d'Alembert						0			
Carl Siegel	_	0			0	0			
Camille Jordan		0		0				~	
Charles Lewis Re	-	0	1						
Diana Taimina		0			0			~	0
Scott Williams		0				0		~	0
James Sylvester	_	0				0			



## In-Class Participation











## Our students typically don't purchase textbooks.

• Only a few select upper-level courses require the purchase of an inexpensive textbook.

# Our students do not pay any access/subscription fees.

Our students are not required to purchase any specific calculators.



## FUNDING OPTIONS

OER is not limited to free resources; but also include low-cost materials.

• External grants

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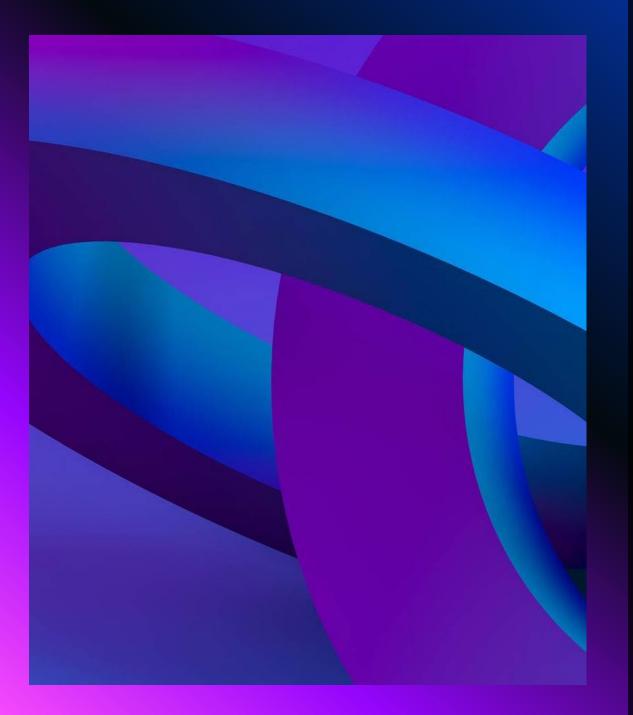
- Internal grants
- Fee per credit hour
- Institutional adoption

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#### FUTURE OPPORTUNITIES

- 1. Institutional support
- 2. External searching
- 3. Creating new content
- 4. Others?

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#### OER ON YOUR CAMPUS

Brainstorm how coursework/programs/departments could infuse OER moving forward.

## QUESTIONS?

Dr. Kiersten Baughman

kiersten.baughman@vcsu.edu

Melissa Remick melissa.remick@dakotacollege.edu