



Wisconsin Technical Colleges: Promoting Student Success with Open Educational Resources

Midwestern Higher Education Compact (MHEC)
Executive Committee Meeting
June 12, 2023

Introduction



Who We Are. Who We Serve.



4,450 FTE
(2021-22)
15,537 unduplicated
students (2020-21)



Fulfilling Our Mission

CVTC delivers innovative, applied, and flexible education that supports a diverse community of learners, improves the lives of students, and adds value to our communities.

96%

Percentage of CVTC graduates employed within **6 months of graduation**

178+

CVTC offers **120+** programs, **37** certificates, and **15** apprenticeships

86%

Percentage of graduates who find **employment in Wisconsin** after graduation

16,661

Unduplicated student count served in 2021-2022

\$50,567

Average **starting salary** of CVTC associate degree graduates



What is OER?

Open Educational Resources (OER) are teaching and learning materials that you may freely use and reuse at no cost, and without needing to ask permission.

THE 5 Rs OF OER



RETAIN

Faculty and students should be able to keep the resource



REUSE

Faculty and students should be able to reuse the resource



REVISE

Resource should be able to be edited, modified, or tweaked



REMIX

Resource should be able to be remixed



REDISTRIBUTE

Resource should be able to be redistributed through print, e-mail, etc



Why OER?



NBC NEWS POLITICS U.S. NEWS WORLD BUSINESS TECH HEALTH CULTURE & TRENDS NBC NEWS TIPLINE WATCH NOW

FRESHMAN YEAR

College Textbook Prices Have Risen 1,041 Percent Since 1977

Students hitting the college bookstore this fall will get a stark lesson in economics even before they've cracked open their books.

INSIDER

HOME > POLITICS

College students are struggling with the cost of textbooks. There's a push in Congress to make them free.

Madison Hall Mar 3, 2023, 1:03 PM CST

U.S. News NEWS » News Best Countries Best States Healthiest Communities Opinion Elections The Racial Divide Photos U.S. News Live The Report

Home / News / High Textbook Prices Take Ac...

Report: High Textbook Prices Have College Students Struggling

The price of textbooks has increased 82 percent during the last decade, a new report finds.

The Washington Post
Democracy Dies in Darkness

Textbooks are pricey. So students are getting creative.

By [Lauren Lumpkin](#)

January 17, 2020 at 4:48 p.m. EST

CBS NEWS NEWS ▾ SHOWS ▾ LIVE ▾ LOCAL ▾ Login

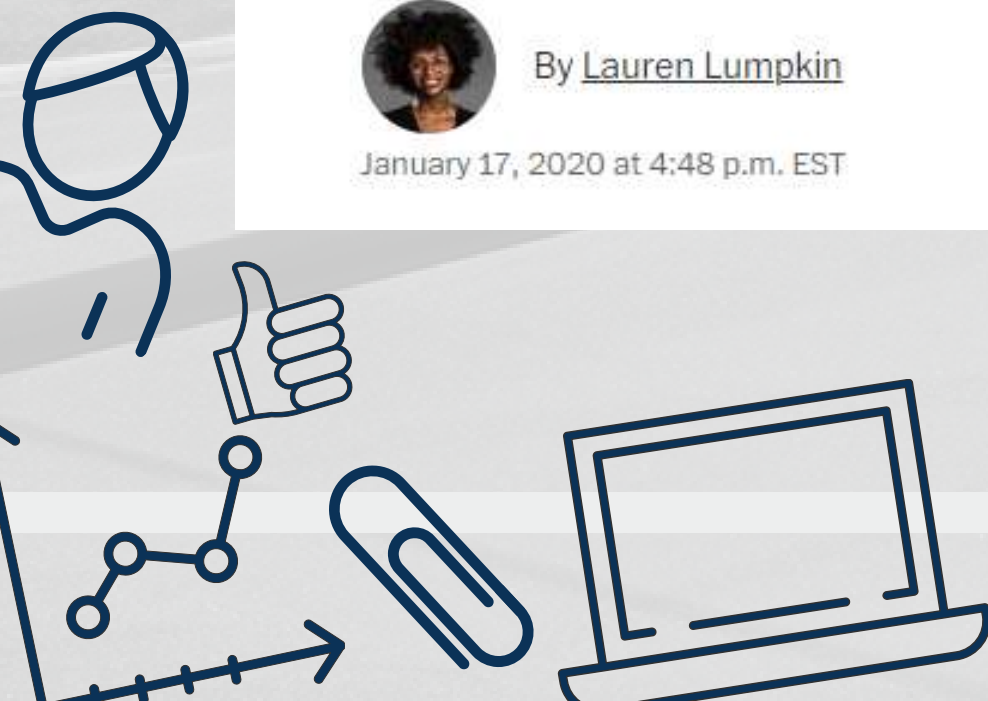
MONEY ▾

What's behind the soaring cost of college textbooks

MONEY WATCH

BY KATHY KRISTOF
JANUARY 26, 2018 / 5:30 AM / MONEYWATCH

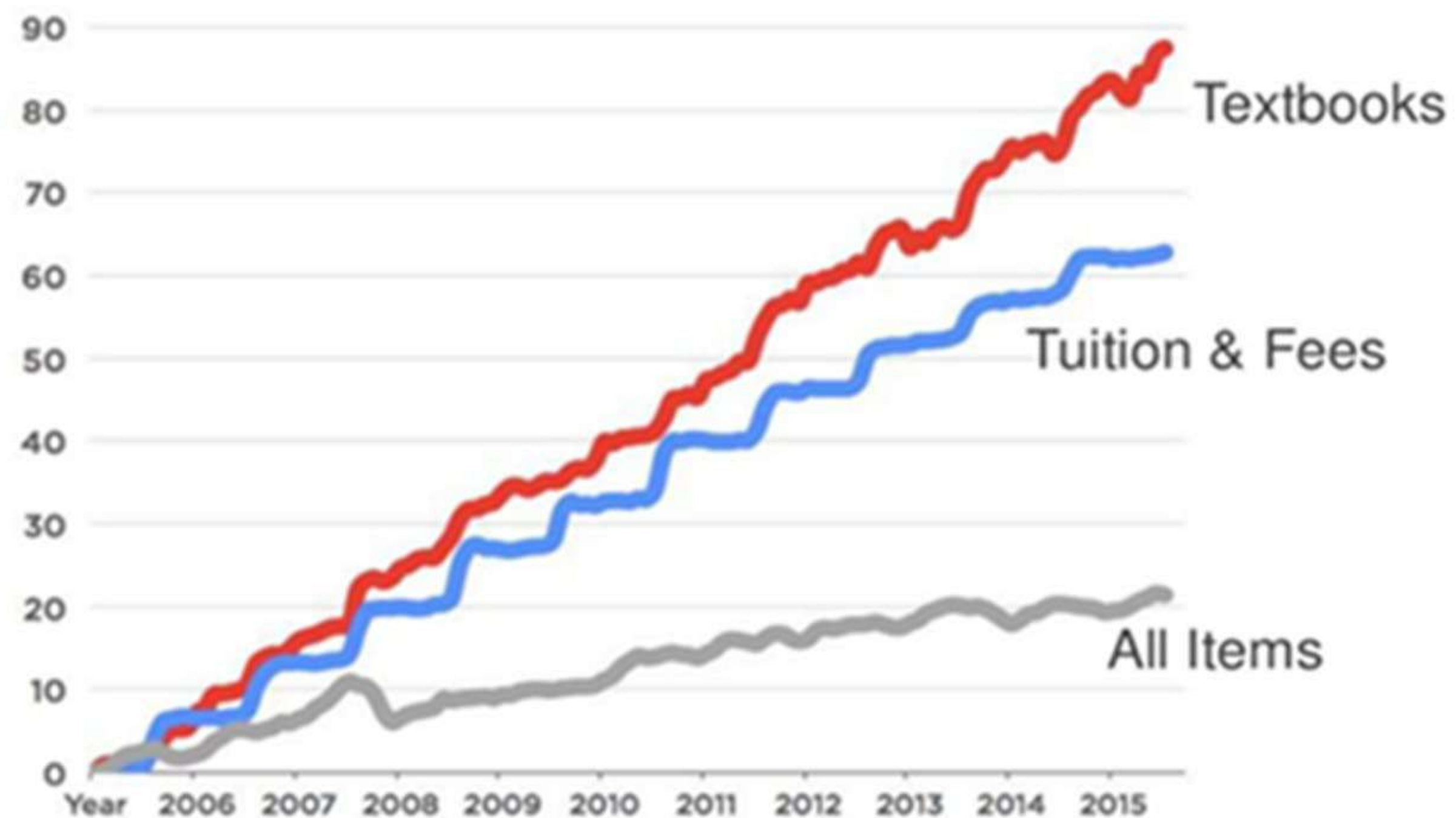
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Why OER?

Consumer Prices 2006–2016

U.S. Bureau of Labor Statistics

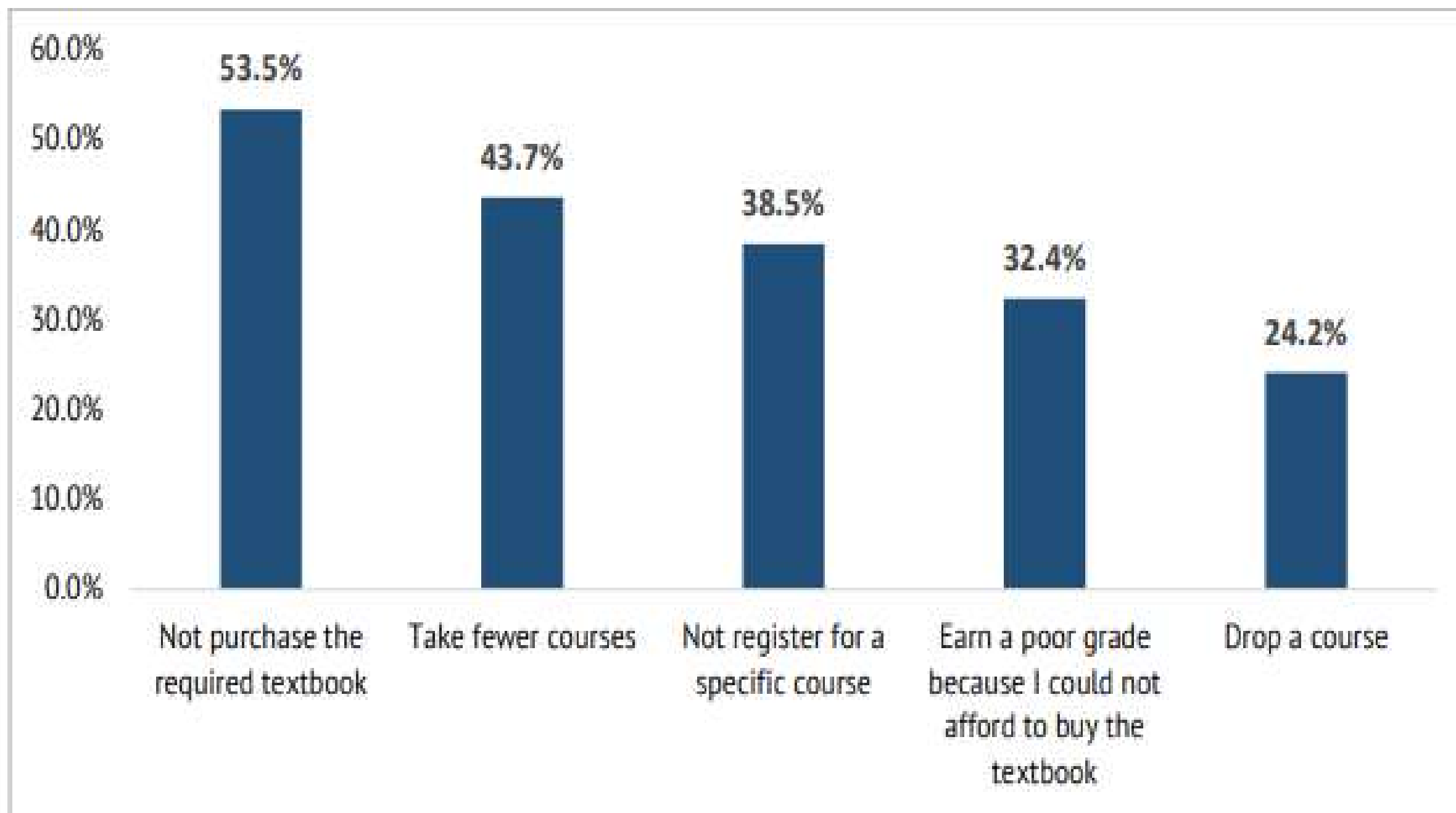




Why OER?

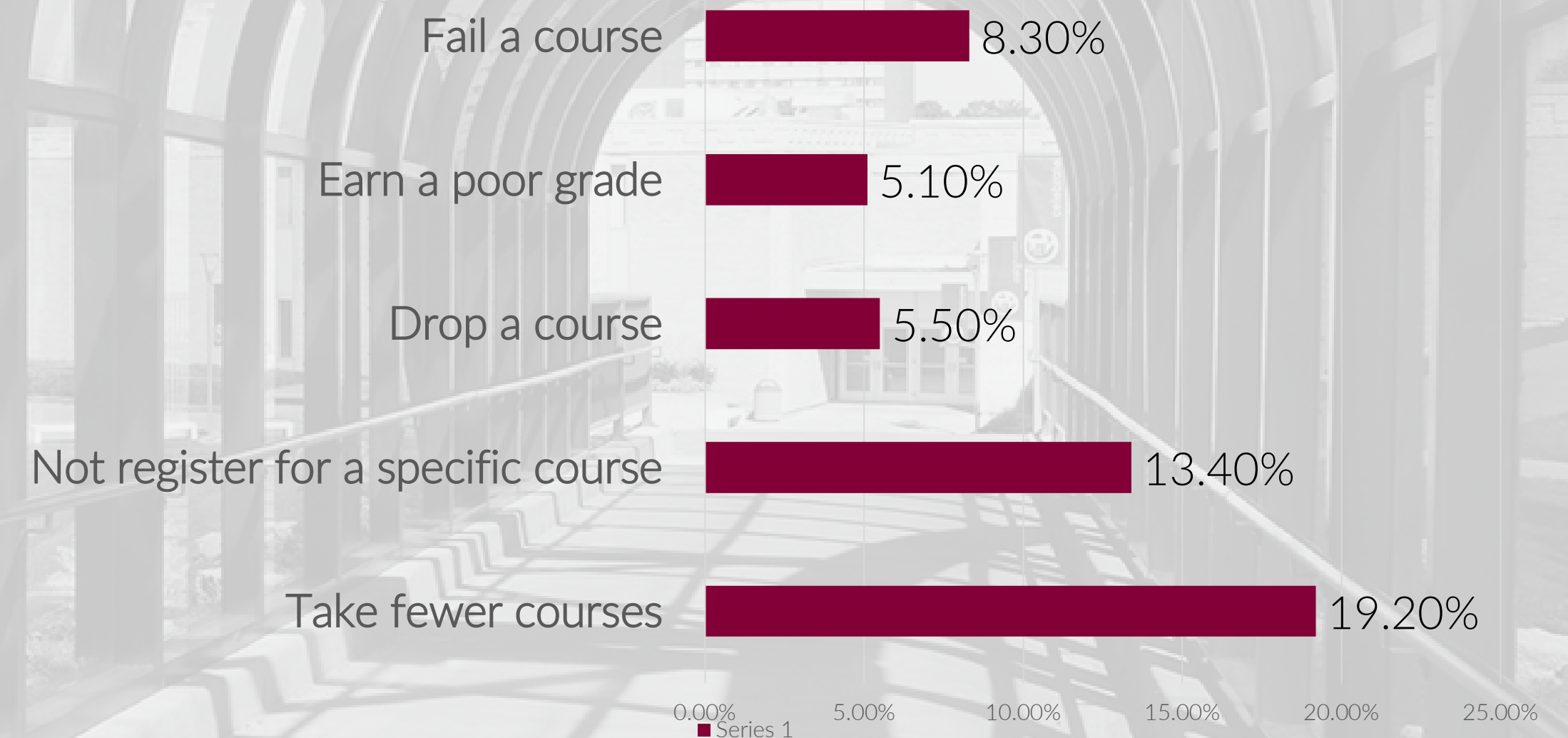


IMPACT OF TEXTBOOK COSTS



Florida Virtual Campus Survey, 2022

Students-Cost of Required Books Has Caused Me To...



CVTC Resource Survey, 2017





Why OER?

- Instructors can customize or update content
- Greater faculty/student engagement
- Students can contribute to the creation process
- Born digital, born accessible
- Research indicates higher overall student success rates
- Learners can keep the resources





OPEN RN™

OPEN RESOURCES FOR NURSING

Get involved or learn more at:
CVTC.EDU/OPENRN

65+ contributors



300+ reviewers nationwide



60+
colleges

60+ colleges in U.S. and Canada have adopted open RN books.

NLM bookshelf

Open RN books have been uploaded to the National Library of Medicine Bookshelf.



9 OER
textbooks

view at cvtc.edu/OpenRN



25+
virtual simulations

25+ OER virtual simulations and scenarios.

250+ 
faculty and administrators

have been trained as OER champions.



3+
million

international users of online books



\$1.5
million saved

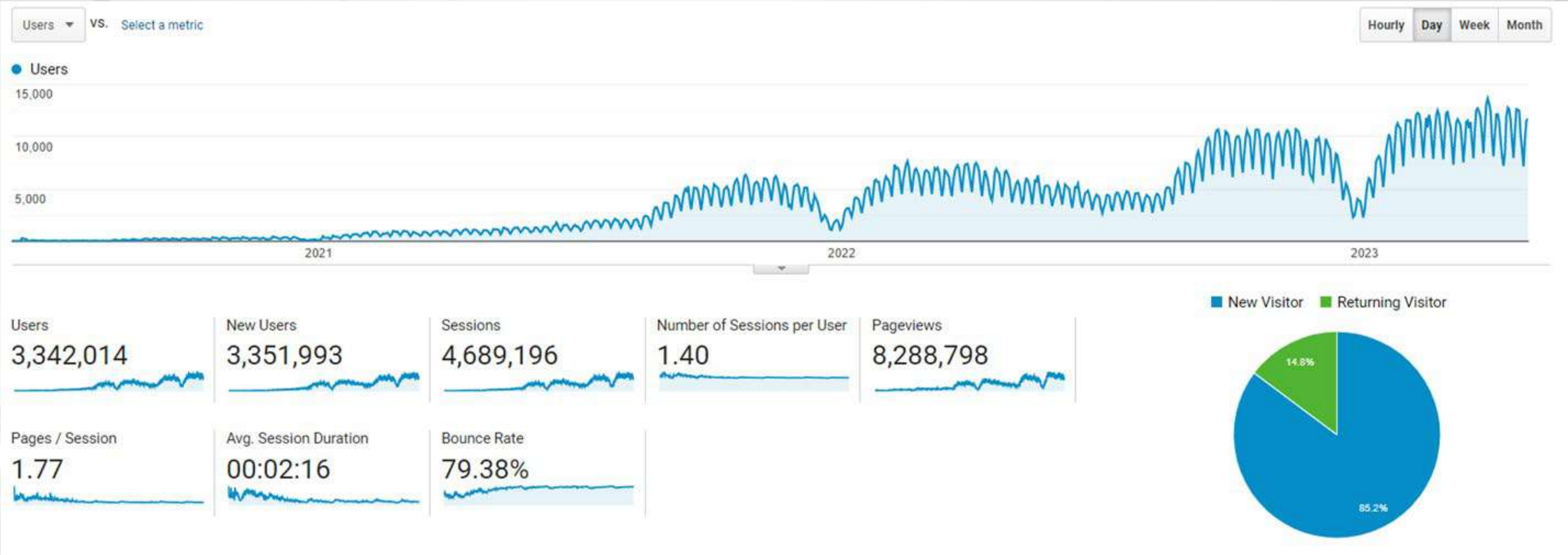
Projected annual savings for Wisconsin nursing students.

student outcomes

Similar course completion and successful course completion rates as non-OER courses.



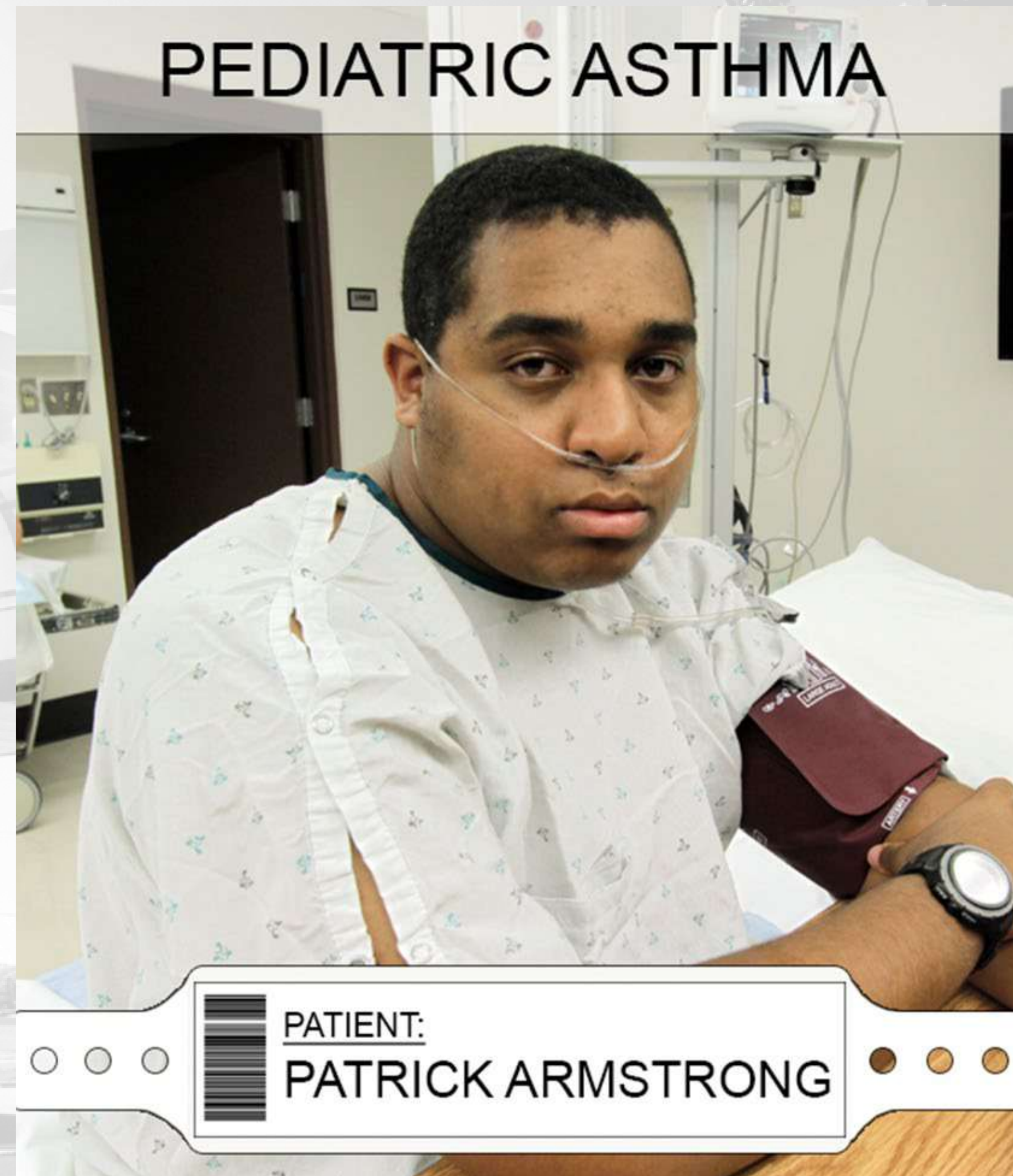
National and International Usage



	Country	Users	% Users
1.	United States	1,497,265	44.88%
2.	Philippines	474,631	14.23%
3.	India	278,308	8.34%
4.	Canada	186,310	5.58%
5.	Australia	115,753	3.47%
6.	United Kingdom	84,764	2.54%
7.	Nigeria	69,455	2.08%
8.	Kenya	44,362	1.33%
9.	Pakistan	38,272	1.15%
10.	Ghana	34,812	1.04%

Virtual Simulations

- 25+ free online [virtual simulations](#)
- Many contain NCLEX Next Generation style questions.
- Survey: 900 respondents: 91% “agree” or “strongly agree” they help develop clinical judgment
- OADN [online review](#)



Scaling OER Across CVTC and WTCS

STUDENT SUCCESS WITH OPEN AND AFFORDABLE RESOURCES

This course will provide a beginner-level overview of how student success relates to open educational resources (OER) through the lens of who, what, where, when, why, and how. Participants will examine the problem with the current textbook publishing model, investigate student and faculty perceptions, identify stakeholders within their own institutions, review trends in the Wisconsin and higher education landscape, explore available resources, and begin a plan to get them started on their own OER journey.

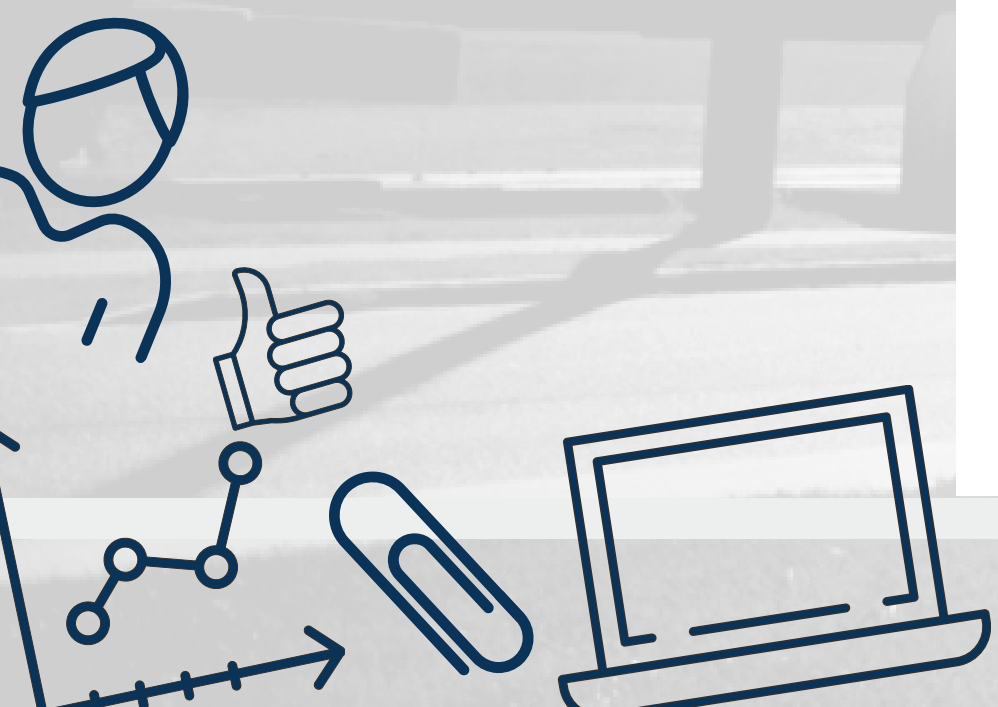
Upon course completion you will receive a certificate as a Wisconsin OER Champion! Speak with your supervisor to discuss how this can be incorporated into your ongoing professional development plan!

2021-2022 CVTC OER Highlights

- \$2,269,514 in student savings
- 7,446 students enrolled in an OER/AER course
- 486 unique courses & 1,667 sections
- \$305 average student savings
- 34% of CVTC courses use OER/AER
- 250+ individuals trained as OER Champions

2020-2021 WTCS OER Highlights

- 78 WTCS courses
- 4,019 students
- Total cost savings of \$555,270





Dual Enrollment



CVTC DUAL ENROLLMENT K-12 PARTNERSHIPS

DUAL CREDIT IN HIGH SCHOOLS

CVTC and area school districts continue to expand opportunities for high school students to earn both high school and college credit in a variety of programs. Over the last five years we have seen significant growth in dual enrollment programs. Researchers have identified numerous advantages in earning dual credit, including cost savings, early entry to career pathways, decreased college remediation, reduced time to degree completion and stronger postsecondary outcomes.

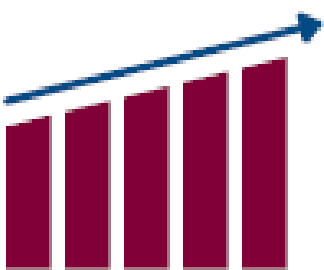
HIGH SCHOOL STUDENTS
EARNED FREE
COLLEGE CREDITS VALUED AT ALMOST

\$3,300,000

IN THE 2021-2022 ACADEMIC YEAR

94%

PARTICIPATION
GROWTH OVER
6 YEARS



5,287

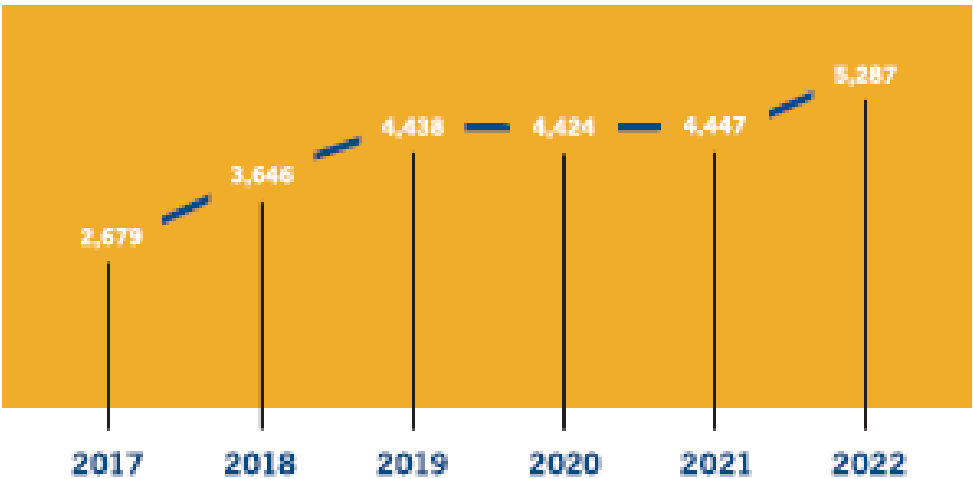
STUDENTS SAVED
AN AVERAGE OF

\$620

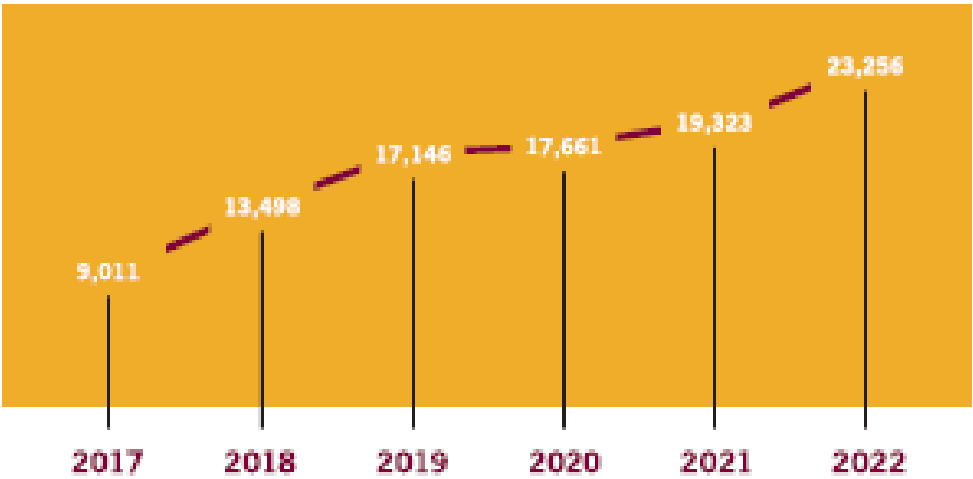
ON TUITION COSTS
IN 2021-2022



STUDENTS EARNING CVTC DUAL CREDIT



TOTAL CREDITS EARNED IN DUAL CREDIT PROGRAMS





OER and Dual Enrollment in Health Programs



This has given me a chance to push myself past the limits that I thought I ever could.

◀ Cailey, High School Academy Student

It's a chance for me to get ahead of my peers and save some time and money.

Grant, High School Academy Student ▶



What's Next?



**NEXT
GEN RN**

- Next Gen RN Spinoff Project
 - Helps students pass their NCLEX and enter the nursing workforce faster
 - Repository of NCLEX Next Generation-style case studies and question item types created and shared by WTCS nursing faculty
 - Funded by \$500,000 WTCS Core Industry Grant
- Additional Federal Grant Funding

Reflective Question

- As legislators and influencers, what comprehensive initiatives and strategies are you currently undertaking to proactively eliminate barriers to student success and enhance affordability of education? What external factors and influences shape your approach and decision-making process in this regard?

For More Information



Dual Enrollment:
www.cvtc.edu/collegecreditnow



Contact Us:
www.cvtc.edu/OpenRN