



GROSSMONT COLLEGE  
MATHEMATICS DEPARTMENT

# EQUITY WORK

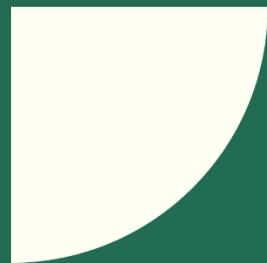
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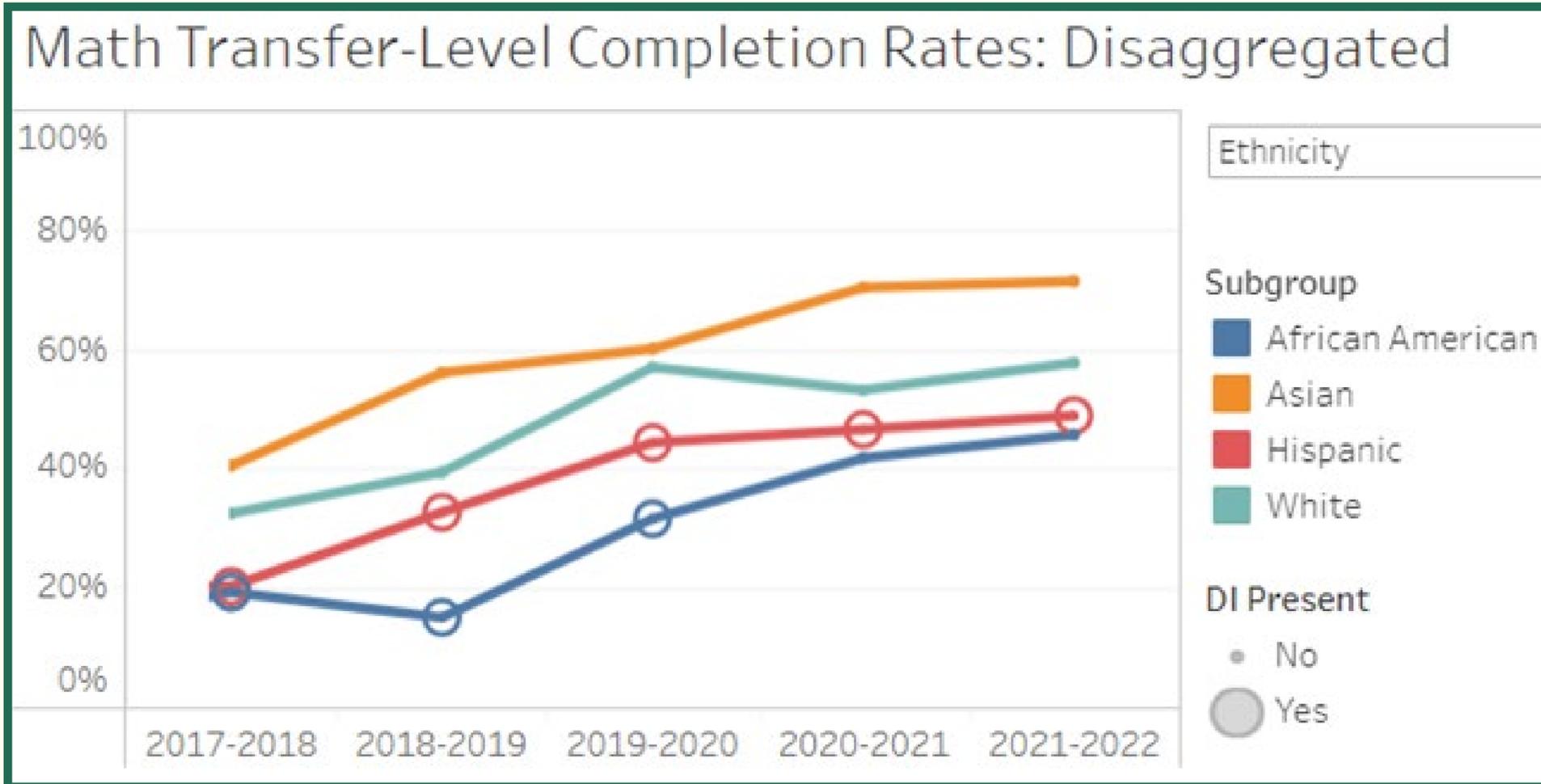


ONGOING  
EQUITY  
WORK IN  
MATH

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- 1 AB705/AB1705
  - 2 Math Jam
  - 3 Mind Over Math
  - 4 Athletic Learning Community
  - 5 Calculus Support (M180L/280L)
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# AB 705 / AB 1705



AB 705 boosted student completion rates and narrowed achievement gaps by placing ALL students directly into Transfer-Level math courses.

AB 1705 furthered this work and eliminated pre-transfer/remedial math courses and is assessing the validity of prerequisites for “Gateway” courses like Math 180: Calculus I.

# MATH JAM



THIS MATH  
JAM WAS  
AWESOME!  
★

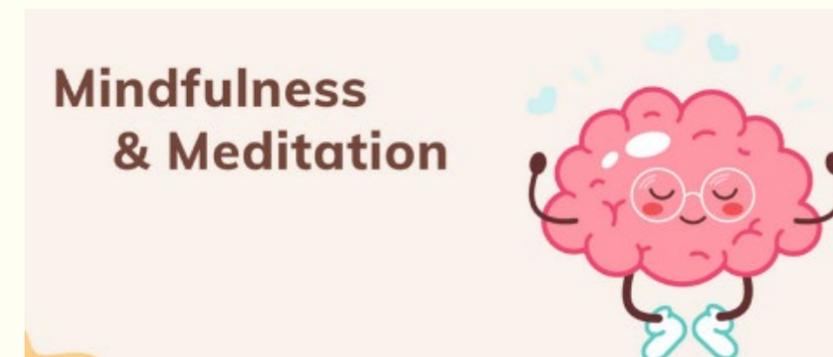
If you want to  
build your self-esteem  
in math and meet great people  
Come to math Jam!

- Non - credit, No fee, 4 - day course
- 1- 2 weeks before the Fall Semester
- Concurrent enrollment in Business or STEM math course
- Students are recruited through: FYE, UMOJA, PUENTE, EOPS
- 1/2 Game and activity - based learning of Algebra
- 1/2 Campus resources and community building
- Funded through SSE (Thanks!)

Math Jam  
Was my JAM!!  
It raised my confidence  
exponentially!!

# MIND OVER MATH

- Collaboration between Mental Health and Math
- Visits by a Mental Health Counselor in all support courses
- Topics include: Stress Management, Mindfulness & Meditation, Text Anxiety, Self Care, Stigma, Sleep Hygiene, Digital Wellness
- Emphasizes equity to meet students where they're at and challenge cultural expectations
- Destigmatizing Mental Health has led to an increase in students seeking help



# ATHLETIC LEARNING COMMUNITY



- Cohort of GC Athletes taking Math 160+060: Elementary Statistics with support
- Strong partnership with the Dean of Athletics, an Athletic Counselor, and a passionate team of Math instructors
- Dedicated athletic study hall
- Purchased 50 graphing calculators and charging stations for use by students in the cohort



# ATHLETIC LEARNING COMMUNITY

## ENROLLMENT

Enrollment in Math 160	Spring 2023			Fall 2023		
	African American/ Black	All Students	% AA/Black	African American/ Black	All Students	% AA/Black
<b>Athletic Learning Com</b>	11	57	<b>19%</b>	13	51	<b>25%</b>
All other Math 160	32	678	<b>5%</b>	46	781	<b>6%</b>

# CALCULUS SUPPORT M180L/M280L

- Structured support to students concurrently enrolled in Calculus I & II
- Just - in - time review of prerequisite math
- Study and life skills necessary to succeed in STEM
- Emphasizes the community aspect of learning mathematics
- 2 Embedded tutors
- Purchased 35 Chromebooks for student use

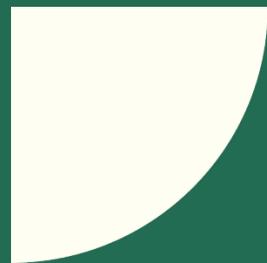


Sam, Susan, Ash and Amanda working on a Calculus 2 problem



# UPCOMING EQUITY WORK IN MATH

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- 1 Calculus +Support  
(M180+080)
  - 2 Equity Minded Teaching  
Institute
  - 3 Math Engineering Science  
Achievement (MESA)
  - 4 Justice Scholars Learning  
Community
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# USC EQUITY MINDED TEACHING INSTITUTE

- Spring 2024
- Semester - long program, Eight 3 - hour sessions
- Focus on embedding racial equity in teaching practices
- Create inclusive classroom cultures
- Read and interpret instructor - level data by race/ethnicity
- Use race - conscious self - assessment tools to gauge how classroom policies affect minoritized students
- Conduct peer classroom observations with an equity lens
- Funded by AB1705

**USC** Race and Equity Center

# MATH, ENGINEERING, SCIENCE ACHEIVEMENT



- Spring 2024
- For underrepresented and economically disadvantaged students in STEM fields
- Elevates student engagement, fostering increased diversity, and enhances STEM graduation rates
- Strong partnership with the MESA Director, Counselor, and the Math department
- MESA will share space with the Math department in the new building 36



# JUSTICE SCHOLARS LEARNING COMMUNITY

- Spring 2025
- In planning phase
- Cohort of Justice Scholars students taking Math 160 +060:  
Elementary Statistics with support
- Embedded tutor
- Designated study hall



# THANK YOU

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