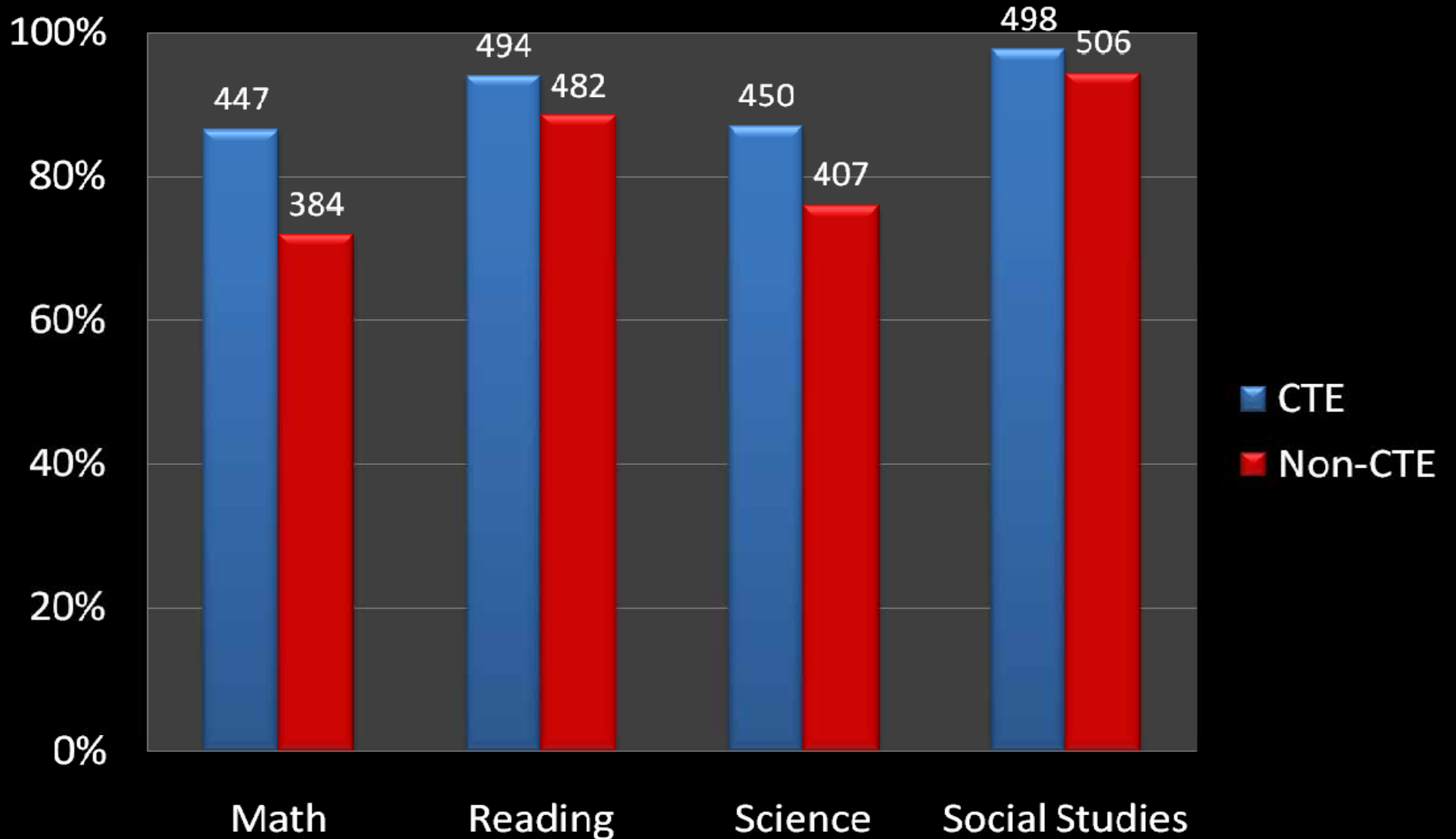




911 and Emergency Operations

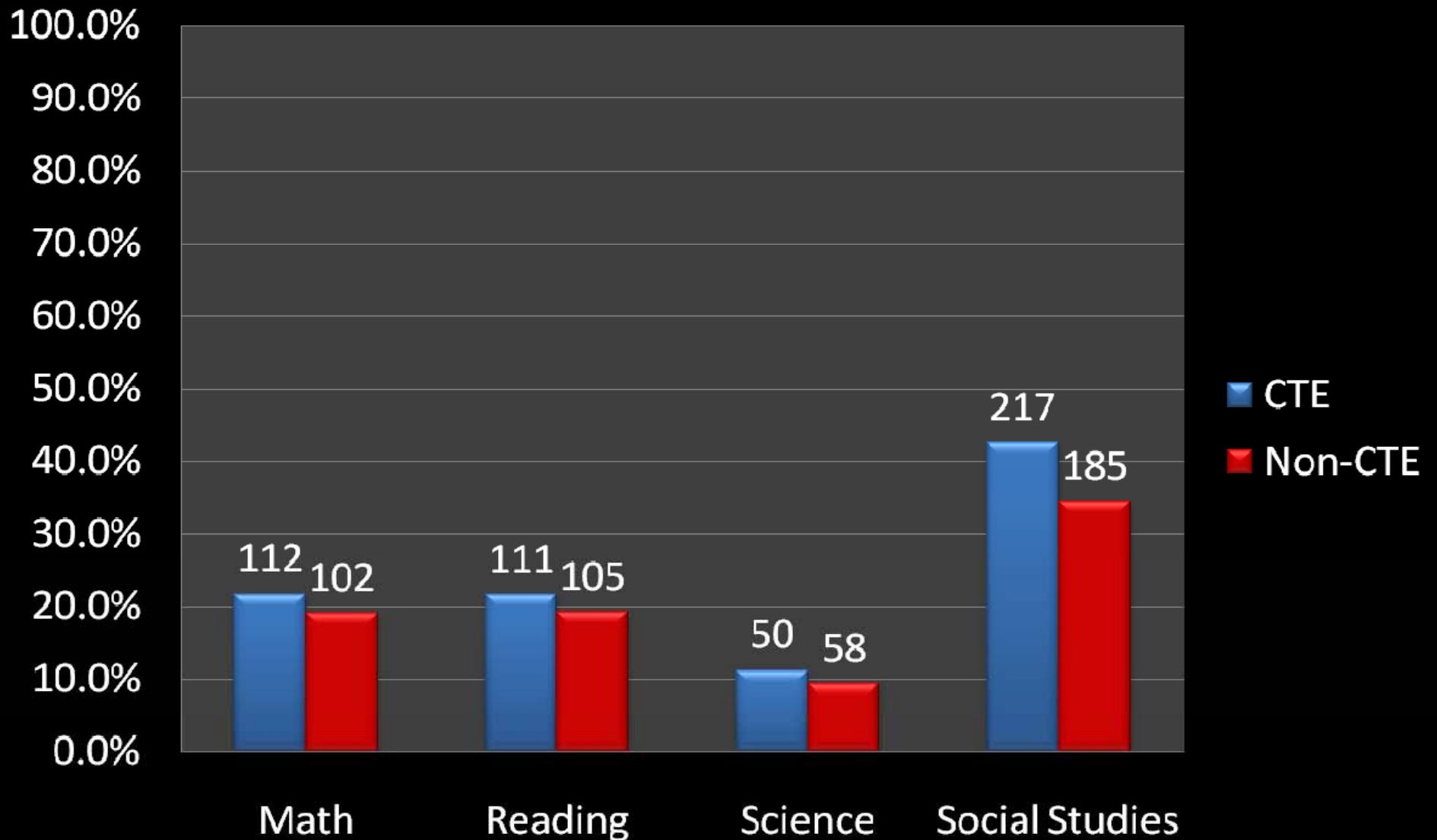
“Those who complete both a strong academic curriculum and a vocational program of study (*dual concentrators*) may have better outcomes than those who pursue one or the other (Silverberg, Warner, Fong, & Goodwin, 2004; Plank, 2001; Stone & Aliaga, 2003)” (National Alliance for Secondary Education and Transition, 2005, Career Preparatory Experiences, ¶ 3).

2007-2008 11 Grade TAKS Met Standard



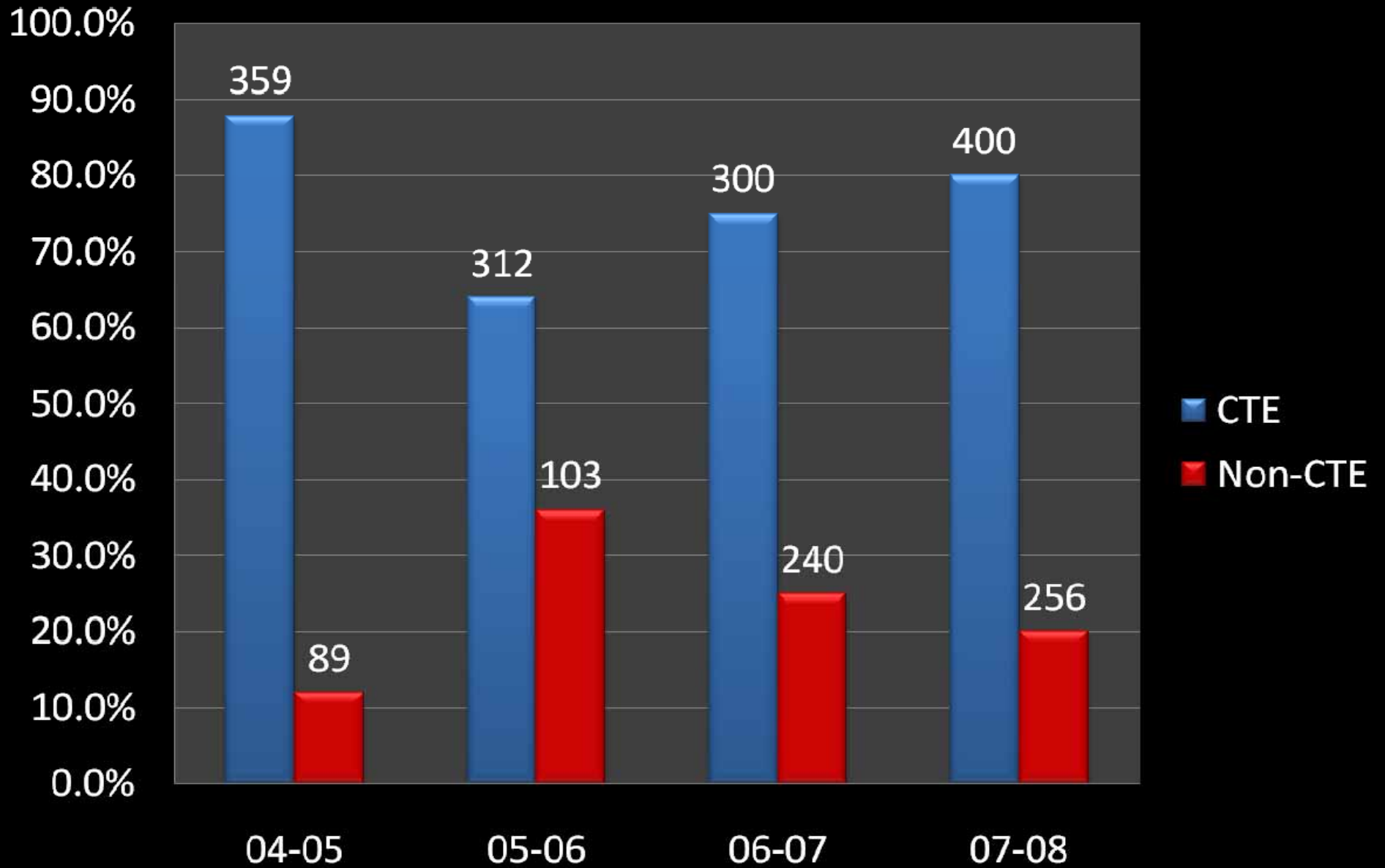
Outcomes* - CTE is defined as Texas CTE 2 and 3. Non-CTE is defined as CTE 0 and 1.

2007-2008 11 Grade TAKS Commended



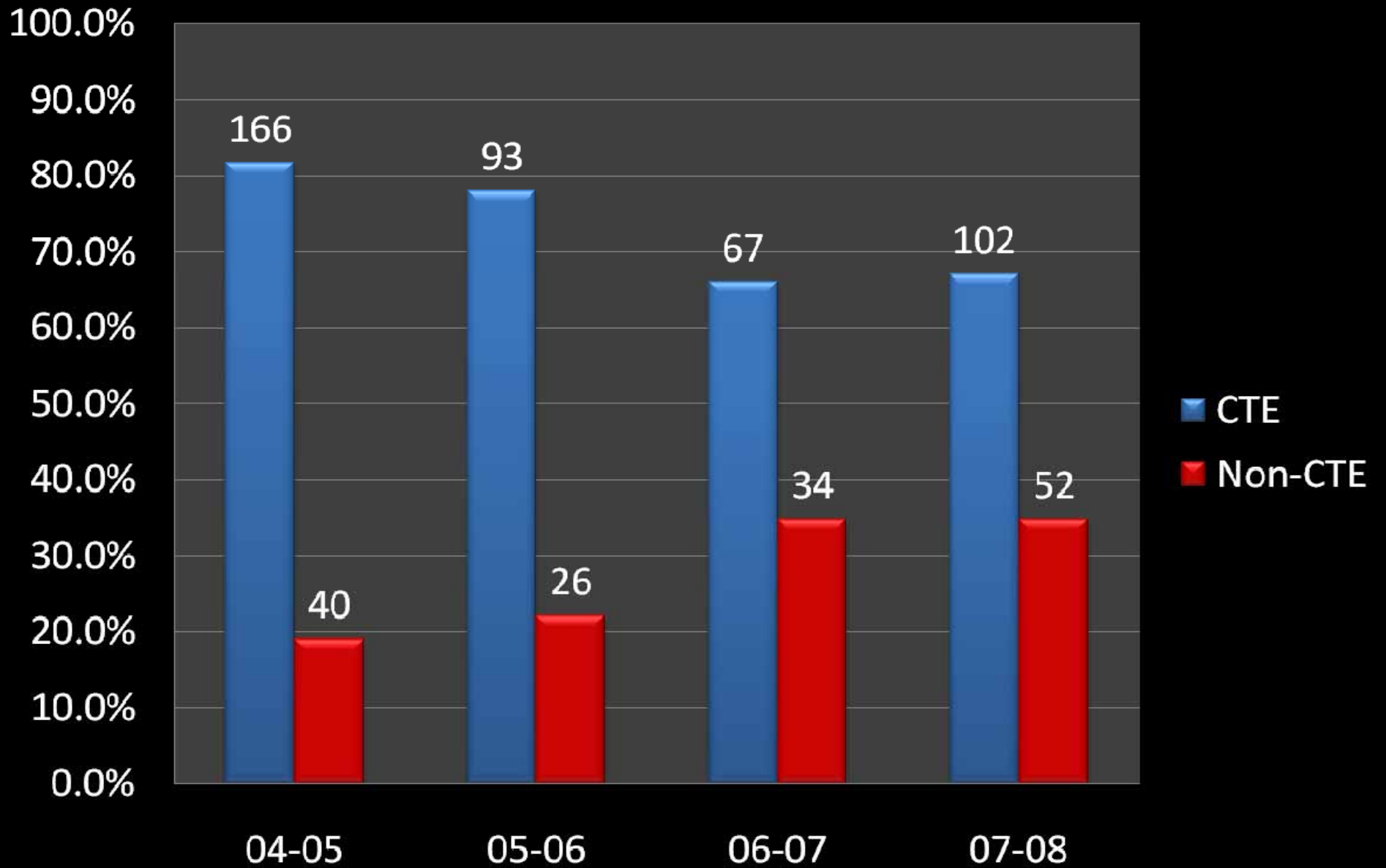
Outcomes* - CTE is defined as Texas CTE 2 and 3. Non-CTE is defined as CTE 0 and 1.

2007-2008 Recommended Graduation

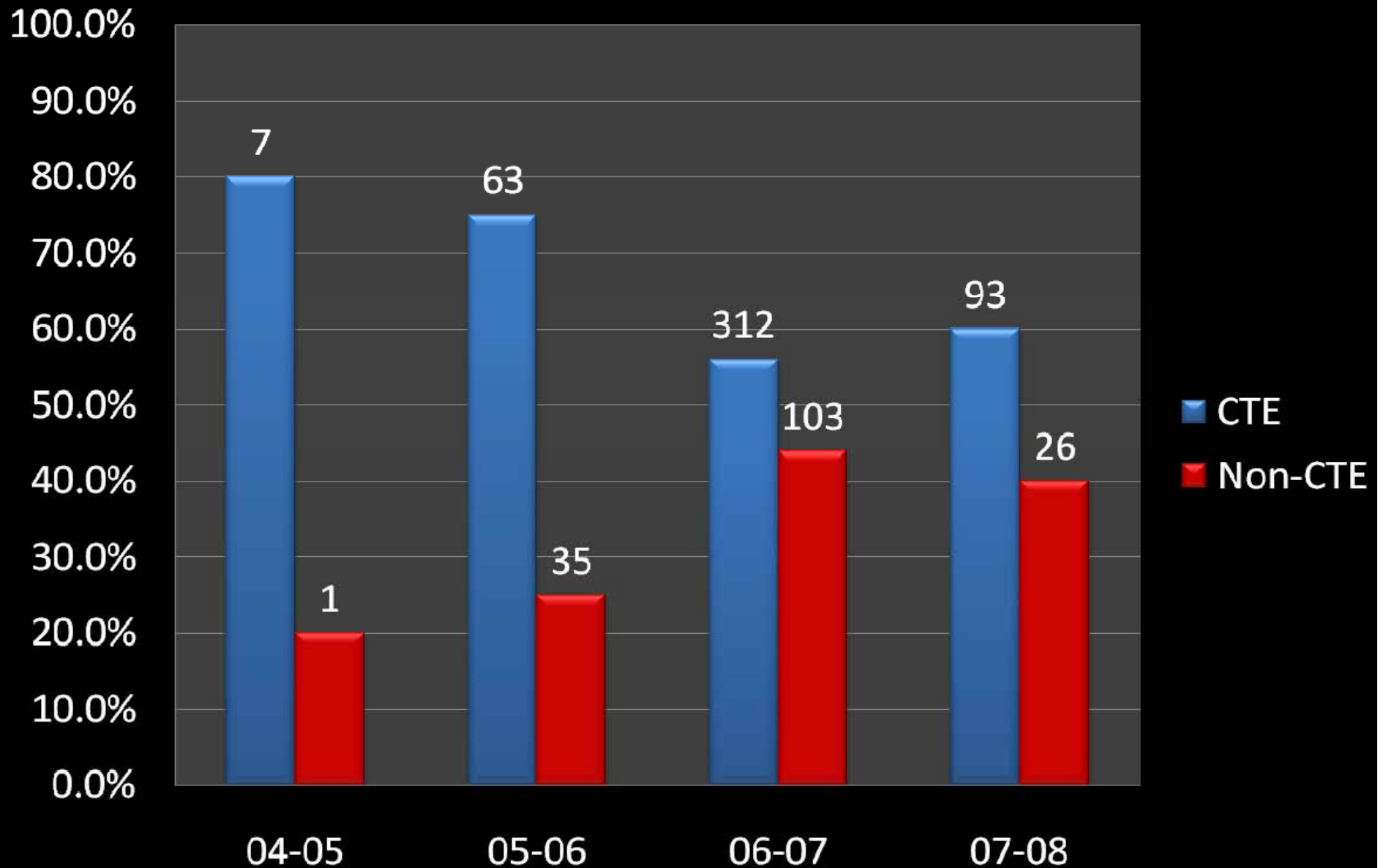


Outcomes* - CTE is defined as Texas CTE 2 and 3. Non-CTE is defined as CTE 0 and 1.

2007-2008 DAP Graduation



2007-2008 Minimum Graduation



Outcomes* - CTE is defined as Texas CTE 2 and 3. Non-CTE is defined as CTE 0 and 1.

Reclaiming *vocation*

CTE—*your life calling.*

CTE—*align to your future
now!*

CTE—*the art of it all.*

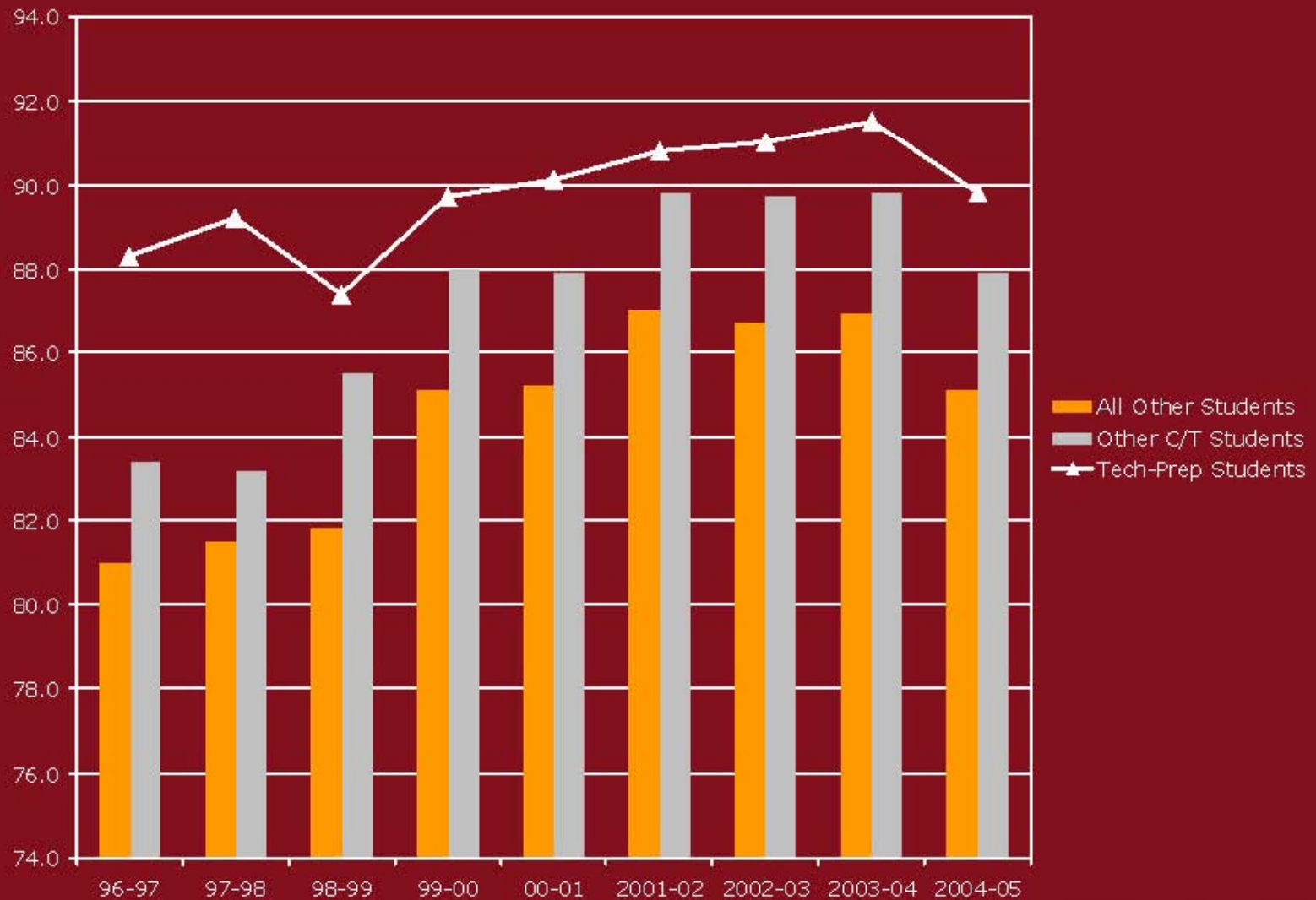
Texas Dual Concentrators



Exit Level TAKS, 2008 - Percent Met Standard

	Code 0	Code 1	Code 2	Code 3
ELA	91%	89%	91%	93%
Math	79%	75%	79%	83%
Science	81%	77%	81%	83%
Social Studies	95%	94%	95%	97%

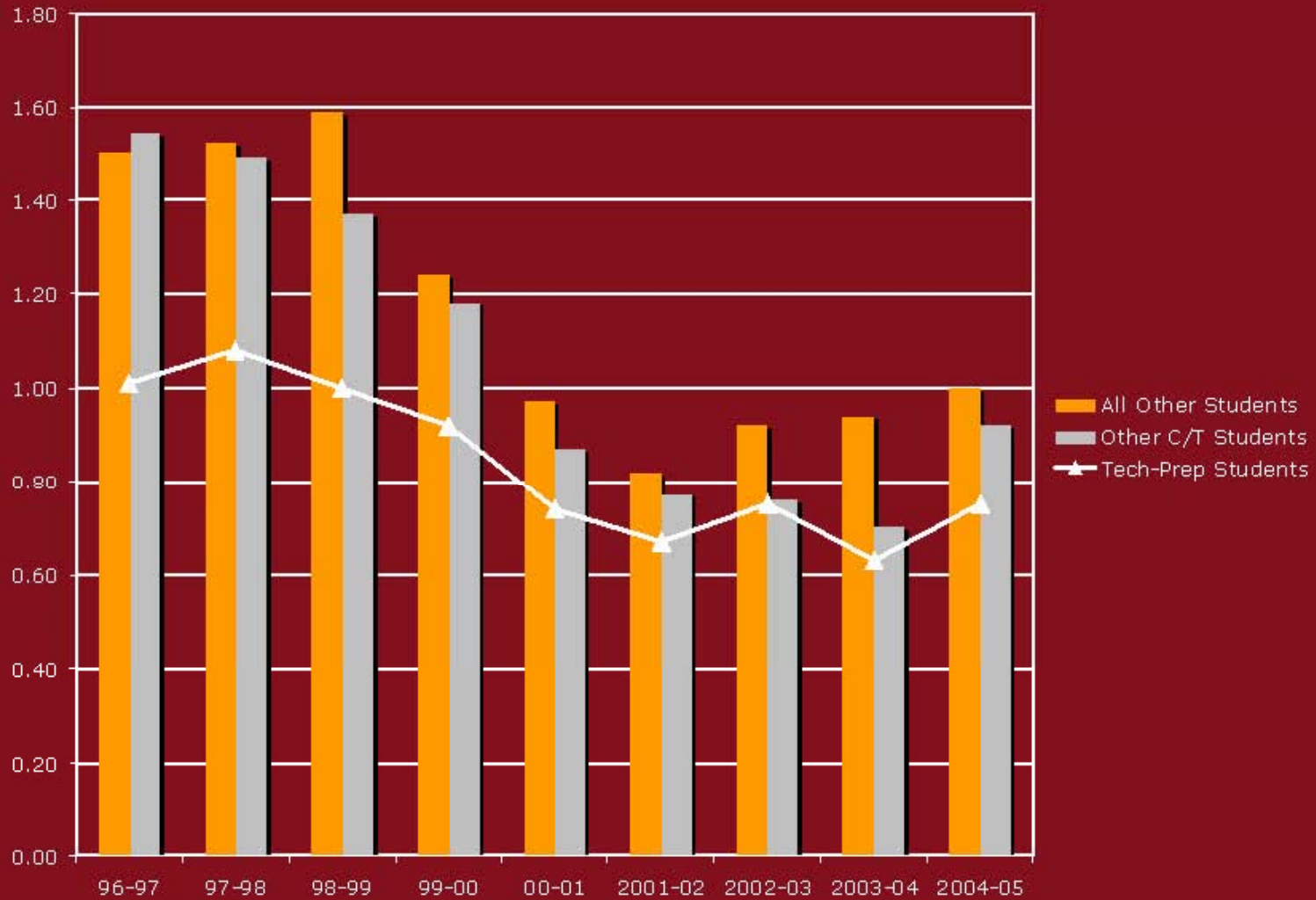
Graduation Rates



Source: TEA - PEIMS

College Tech-Prep Works

Dropout Rates

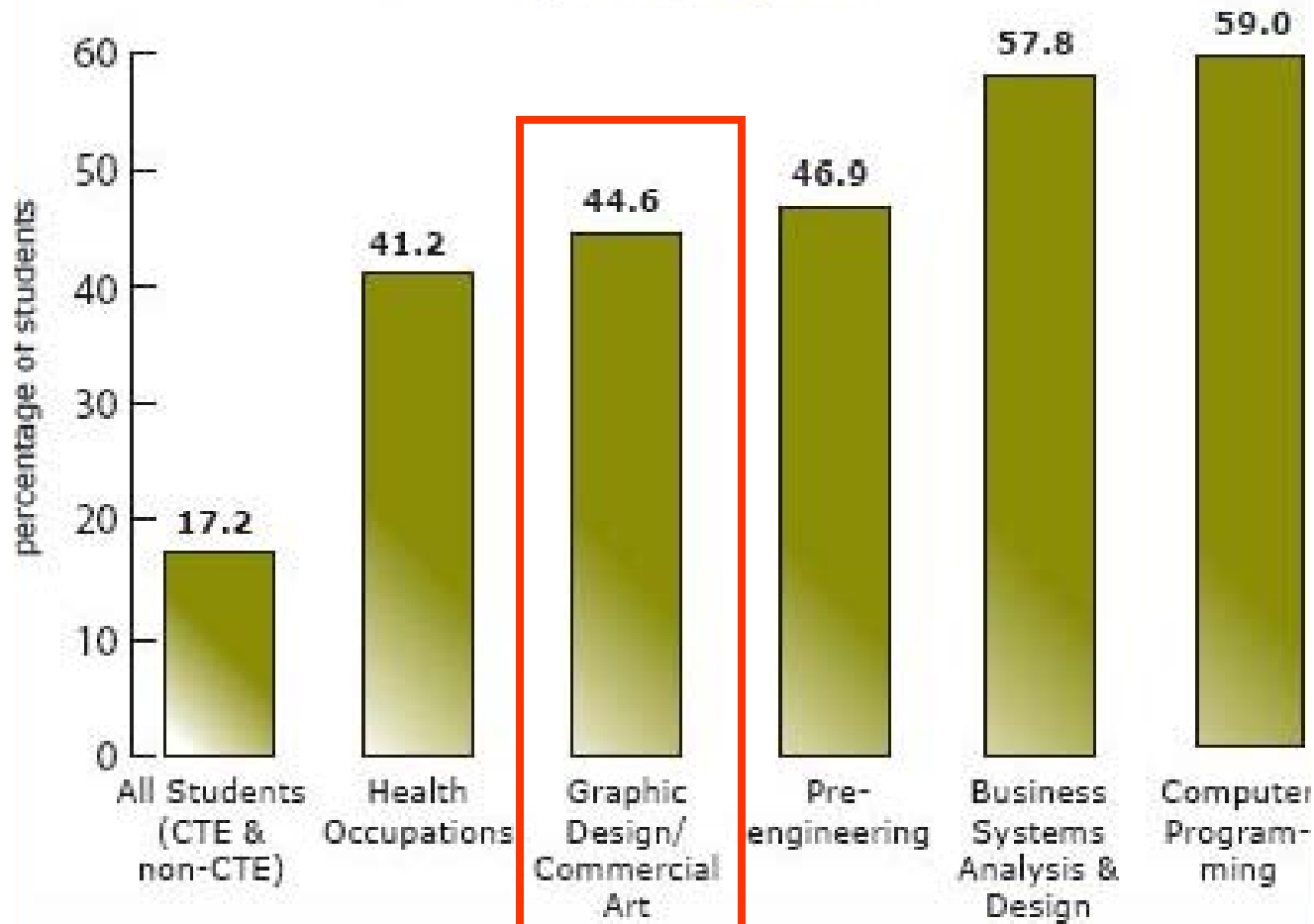


Source: TEA - PEIMS

College Tech-Prep Works

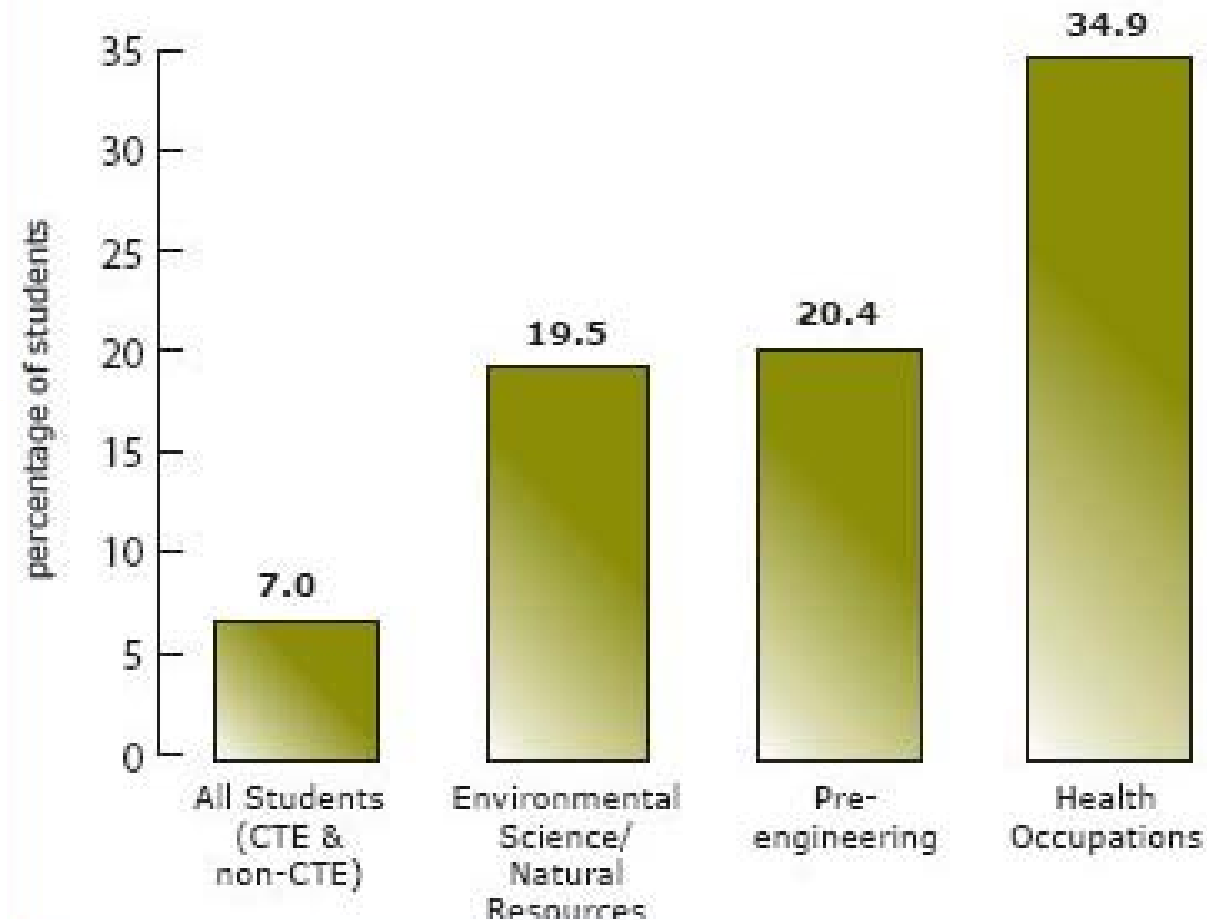
Maryland Dual Concentrators

Percent of students completing a math course above Algebra II with a grade of B or better, by CTE program

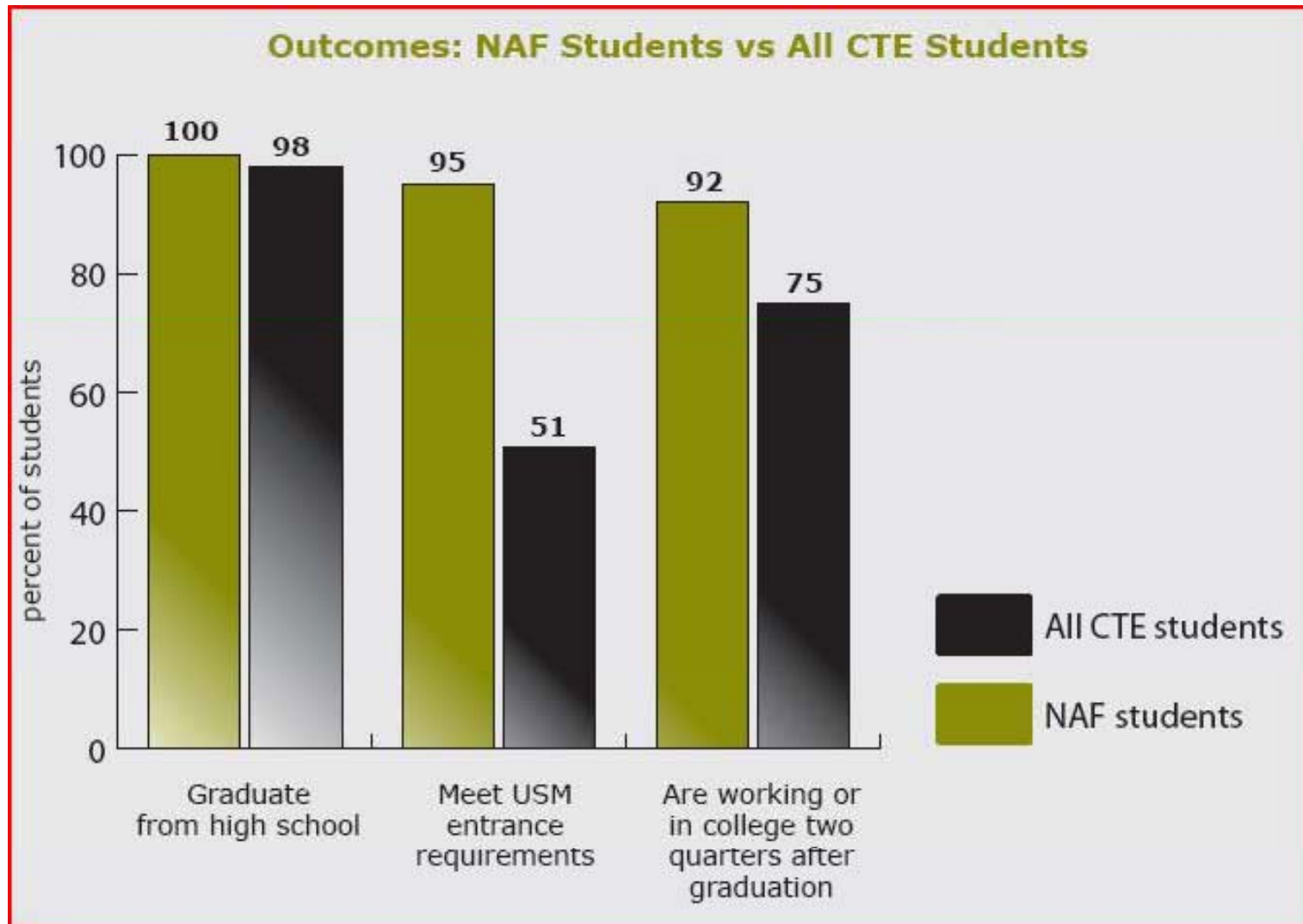


Maryland Classroom: CTE: Educating Tomorrow's Workforce Today, April 2008

Percent of students completing 4 science credits with a grade of B or better, by CTE program



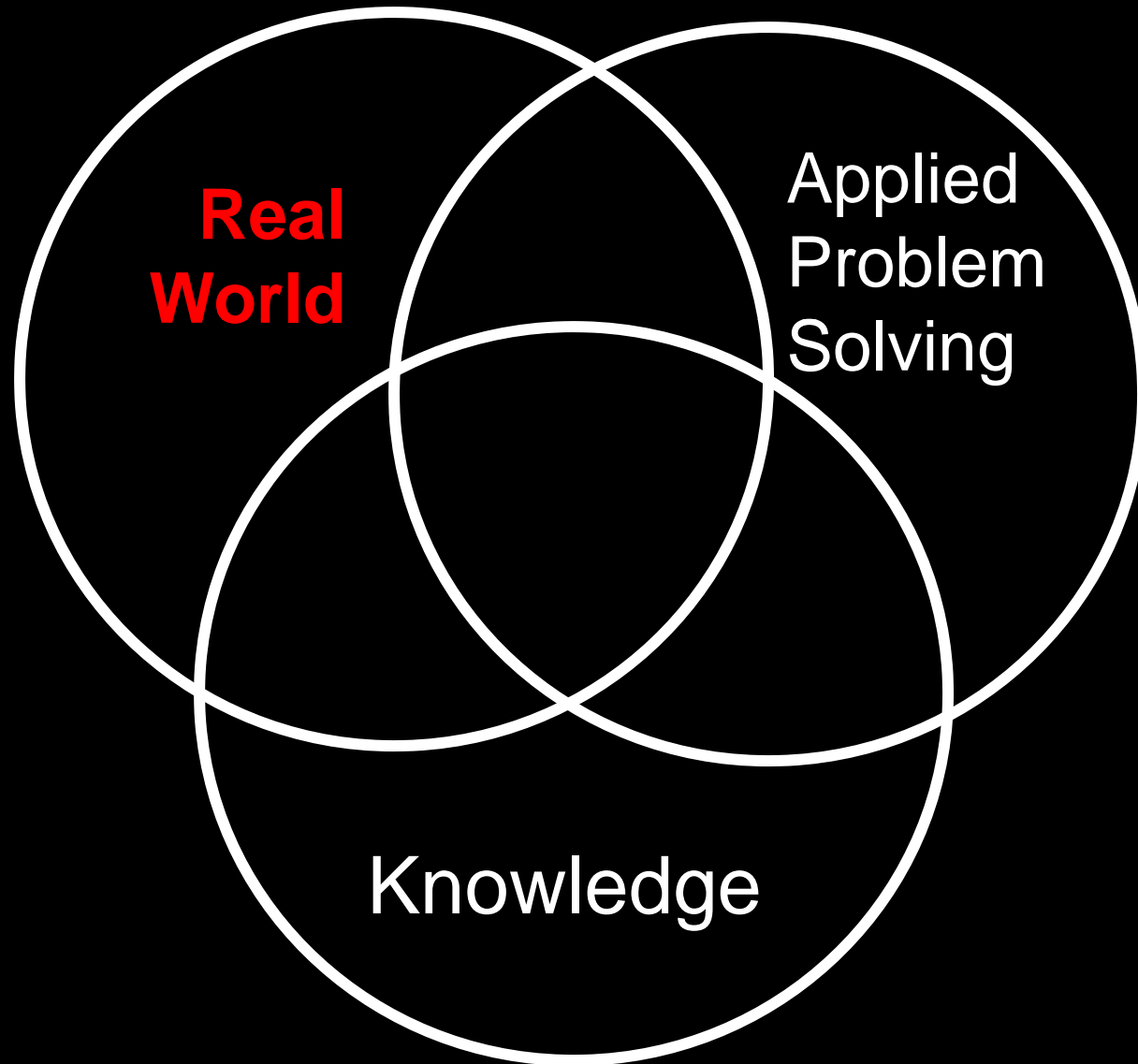
Maryland Classroom: CTE: Educating Tomorrow's Workforce Today, April 2008



Maryland Classroom: CTE: Educating Tomorrow's Workforce Today, April 2008

Transdisciplinarity

Unification of theory, action and the world.



A close-up photograph of a person's face, where the skin is replaced by a world map. The person has a striking green eye, looking directly at the camera. The map shows continents in various shades of brown and green, set against a deep blue background representing the oceans. The person's lips are visible at the bottom right, painted in a dark purple or blue color. The overall image has a dramatic, high-contrast aesthetic.

Technology

Jobs, Jobs, Jobs

Next Generation CTE

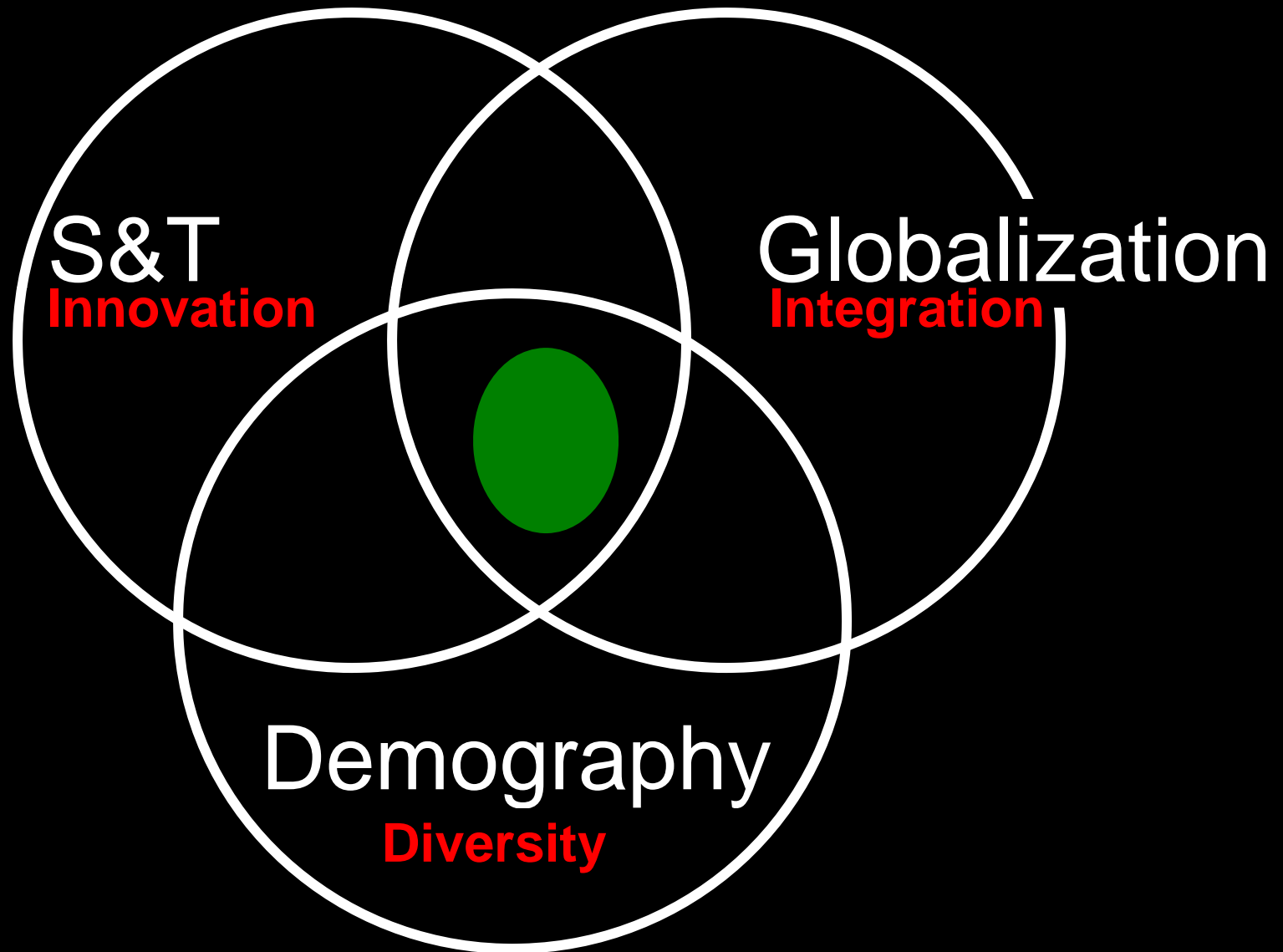
Part II

Learning in Action: A Learning Theory for CTE & 21st Century Learning



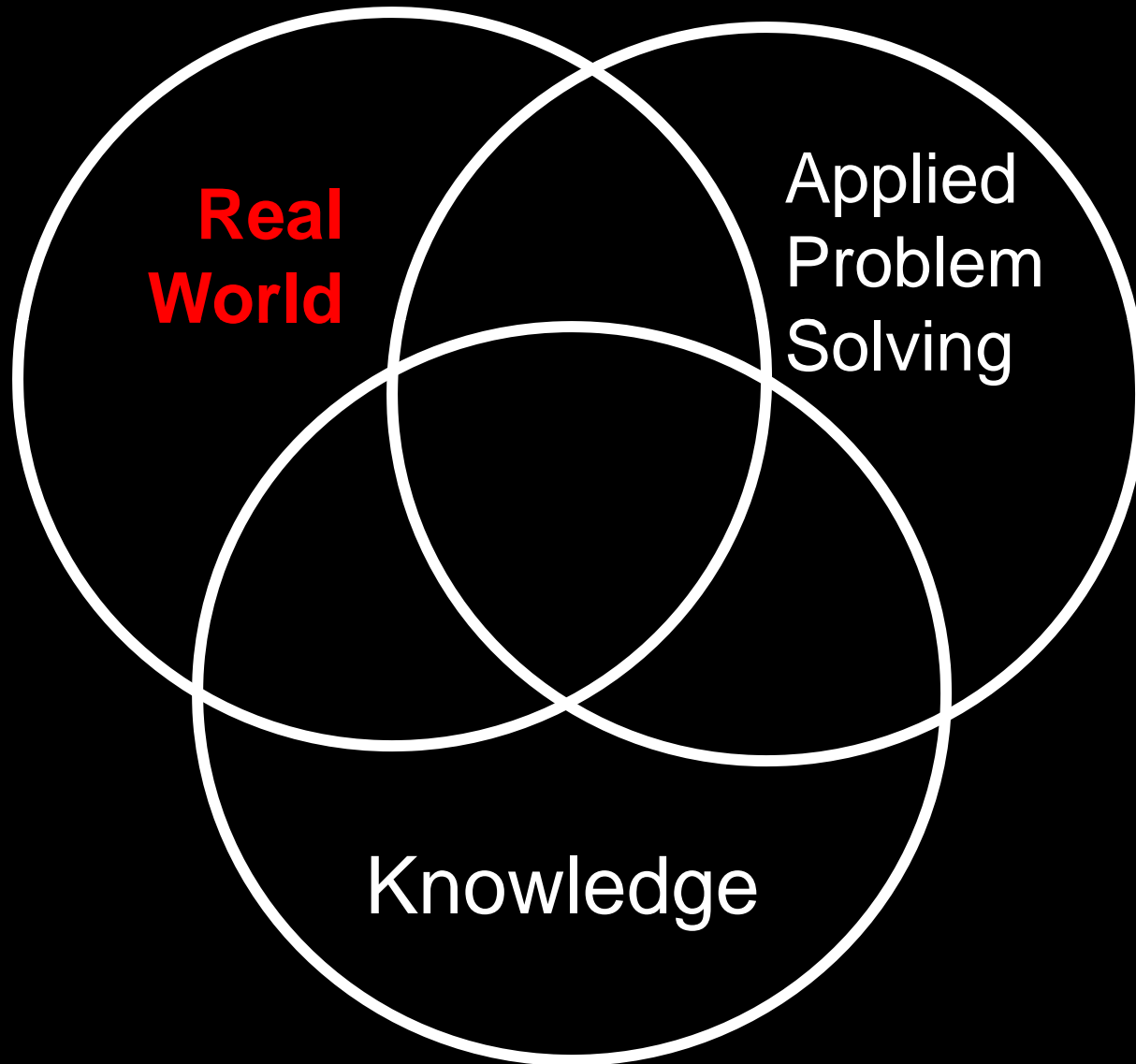
**October
4, 1957**

21st Century Sputnik (40-40)



Transdisciplinarity

Unification of theory, action and the world.





<http://www.calcars.org/photos.html>



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www.calcars.org



PRIUS+ team: we built the first PRIUS+ conversion Sept 11-22, 2004, starting with a low-cost lead-acid battery pack. Pictured are (L-R) Ron Gremban, Felix Kramer, Marc Geller, Kevin Lyons, Andrew Lawton. See About CalCars for names of those who helped but are not pictured.



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USA CTE. Unfortunate for some.

A close-up photograph of a person's face, with a world map overlaid on it. The person's eye is visible, looking directly at the camera. The map shows North and South America in shades of green and brown, set against a blue background representing the oceans. The person's skin is dark, and their eye is a striking green color.

Innovate-Educate-Lead: Michigan Pathways to Learning, Careers & Life

How the future works today™

JIM BRAZELL

jim.brazell@ventureramp.com