ALMY EDUCATION

# MAKING DERA WORK FOR YOUR COLLEGE

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IMACC, 4.4.25

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# GOAL

Understand DERA compliance and how to maximize success with your implementation

# Gateway Success at Scale

## What is “compliant” for DERA?

**HB 2170, Article 100, Section 100 -30. Institutional plans; report.**

On or before May 1, 2022, each university shall submit to the Board of Higher Education and each community college shall submit to the Illinois Community College Board its institutional plan for scaling evidence-based developmental education reforms to **maximize the probability** that a student will be placed in and successfully complete introductory college level English language or mathematics coursework within 2 semesters at the institution.

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# REMEMBER

It’s not only about individual course pass rates.
It’s about throughput and completion.

# Not DERA Compliant

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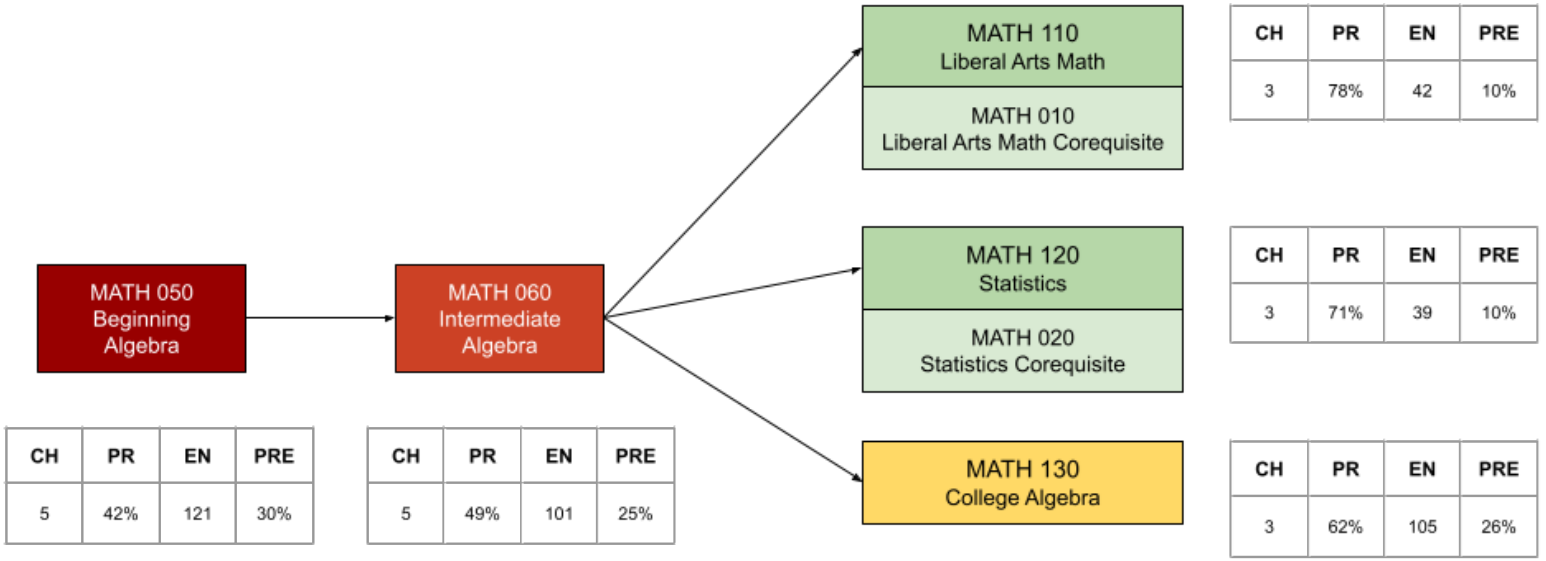
## Sample Community College Math Pathways Analysis




| CH | PR | EN | PRE |
|---|---|---|---|
| 5 | 42% | 121 | 30% |

| CH | PR | EN | PRE |
|---|---|---|---|
| 5 | 49% | 101 | 25% |

| CH | PR | EN | PRE |
|---|---|---|---|
| 3 | 78% | 42 | 10% |

| CH | PR | EN | PRE |
|---|---|---|---|
| 3 | 71% | 39 | 10% |

| CH | PR | EN | PRE |
|---|---|---|---|
| 3 | 62% | 105 | 26% |

| PASS RATES KEY |
|---|
| 70 - 100 % |
| 60 - 69% |
| 50 - 59% |
| 0 - 49% |

Note: Intensity of color indicates density of student enrollment.

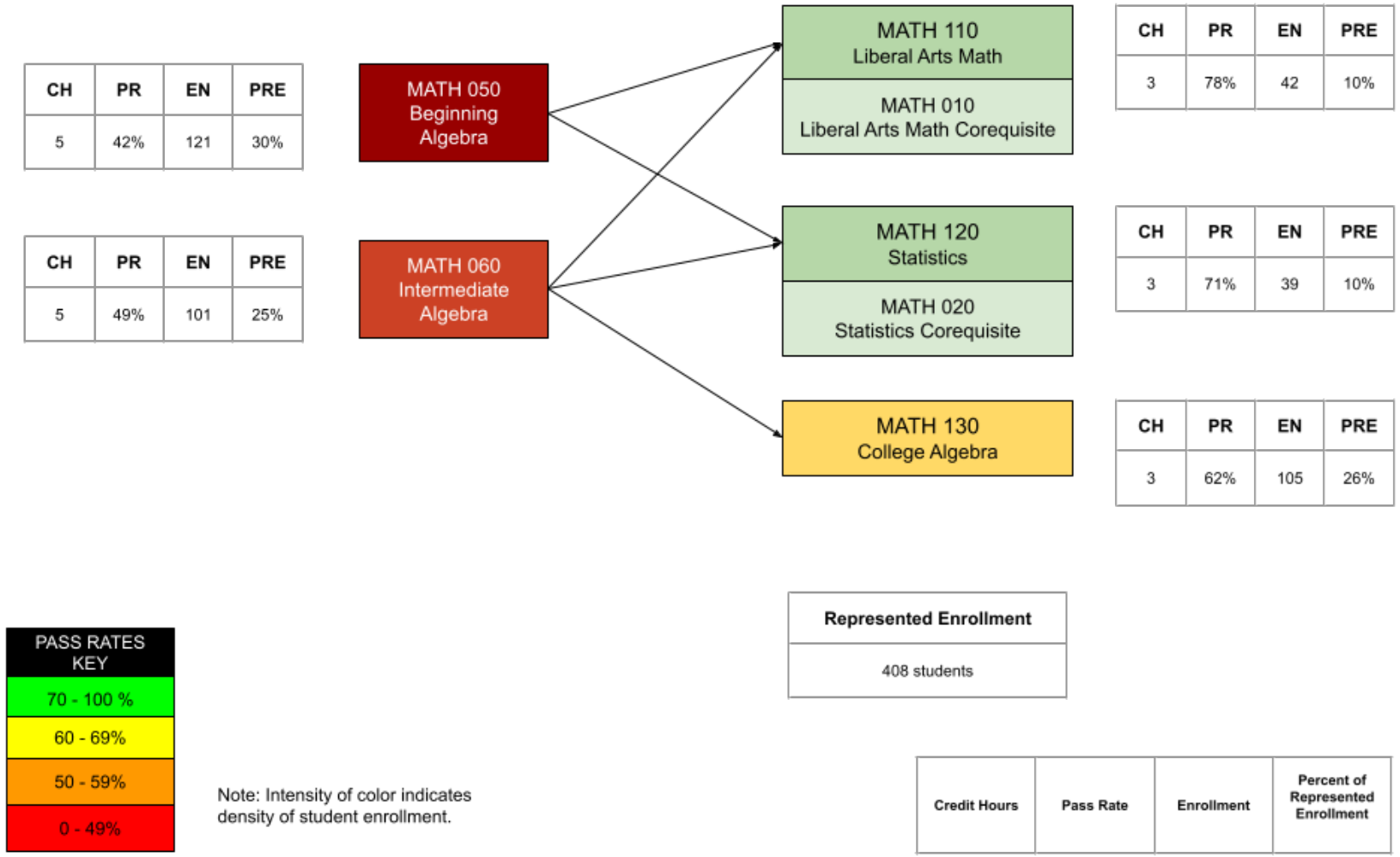
| Represented Enrollment |
|---|
| 408 students |

| Credit Hours | Pass Rate | Enrollment | Percent of Represented Enrollment |
|---|---|---|---|

# Minimally DERA Compliant



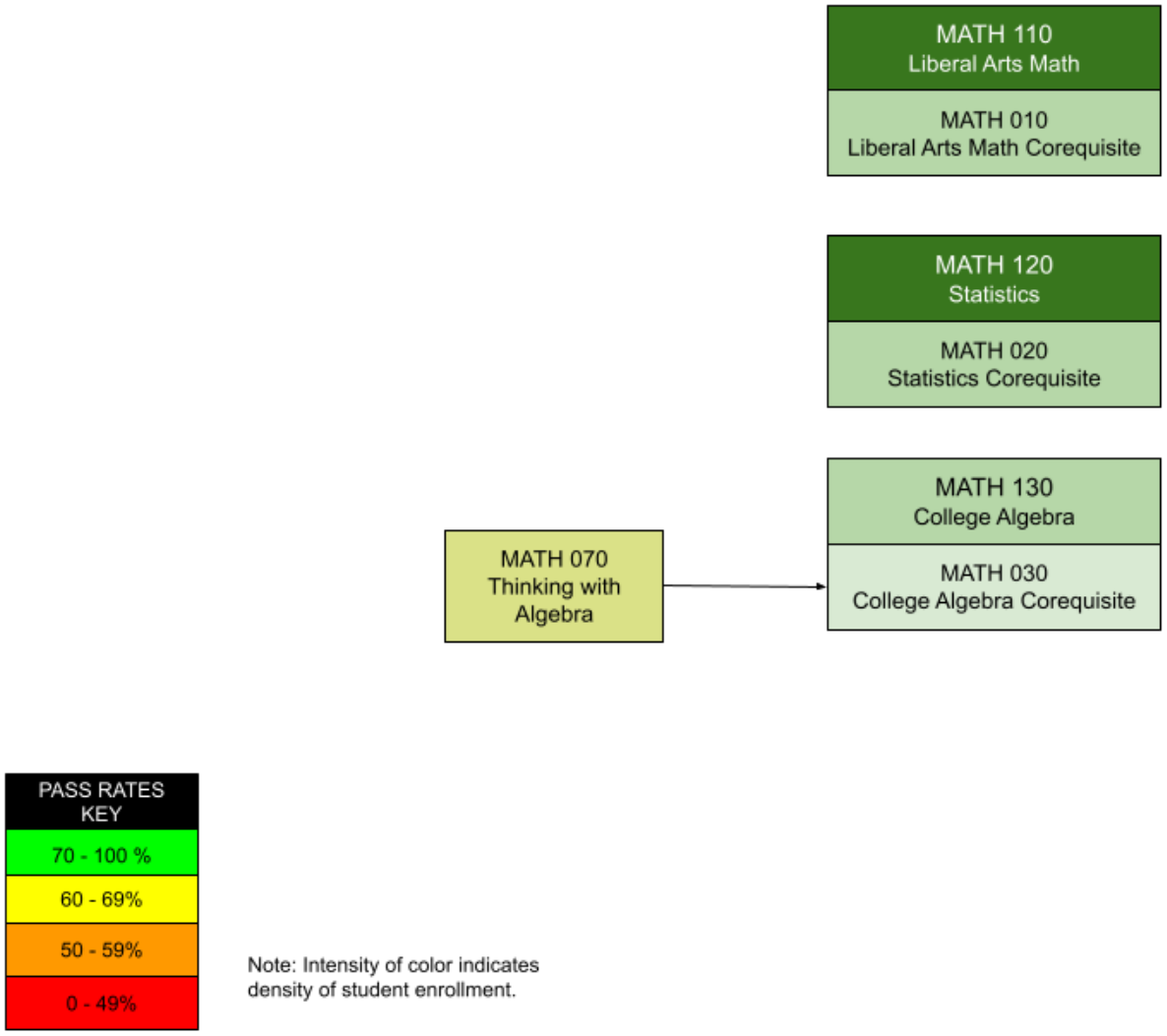
## Sample Community College Math Pathways Analysis



# Maximized for Success



## Sample Community College Math Pathways Analysis

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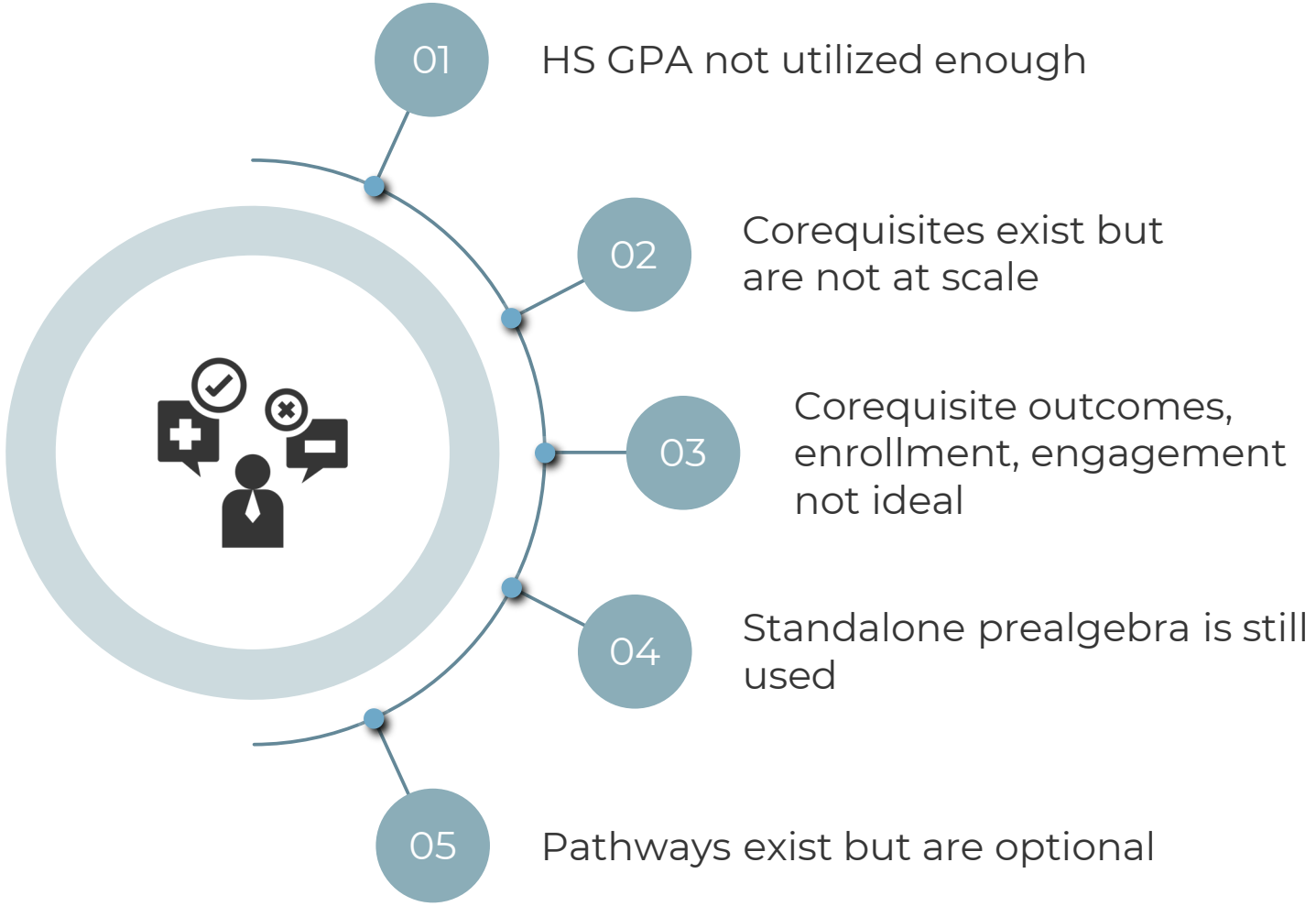
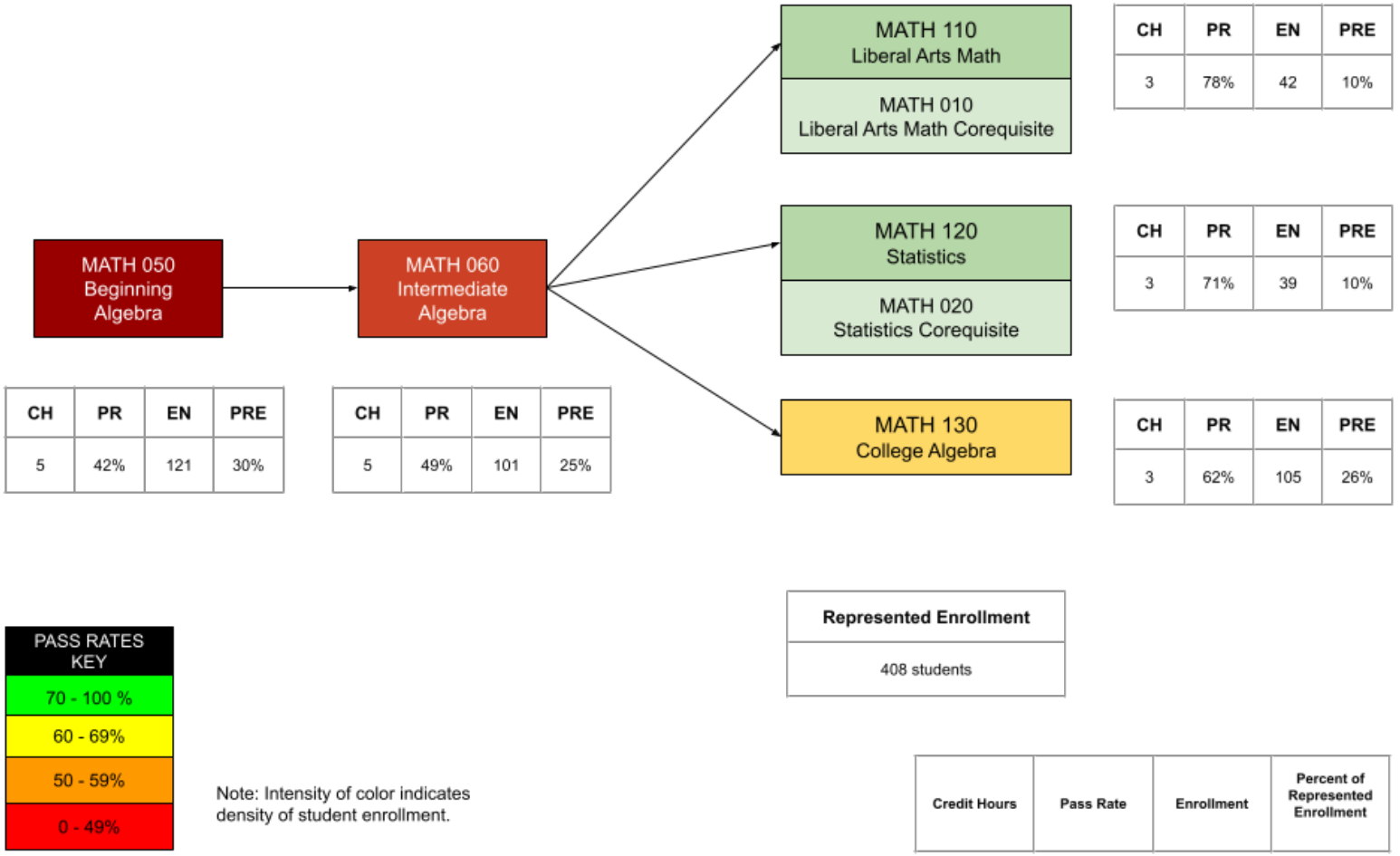
# Current issues in the field



# Pathways as an option



## Sample Community College Math Pathways Analysis



# When pathways are an option…

- College algebra is still usually the default by students & advisors
- Placement tests are still commonly used
- Content may or may not change
- Full impact of pathways is not seen on outcomes

# Pathways as direction

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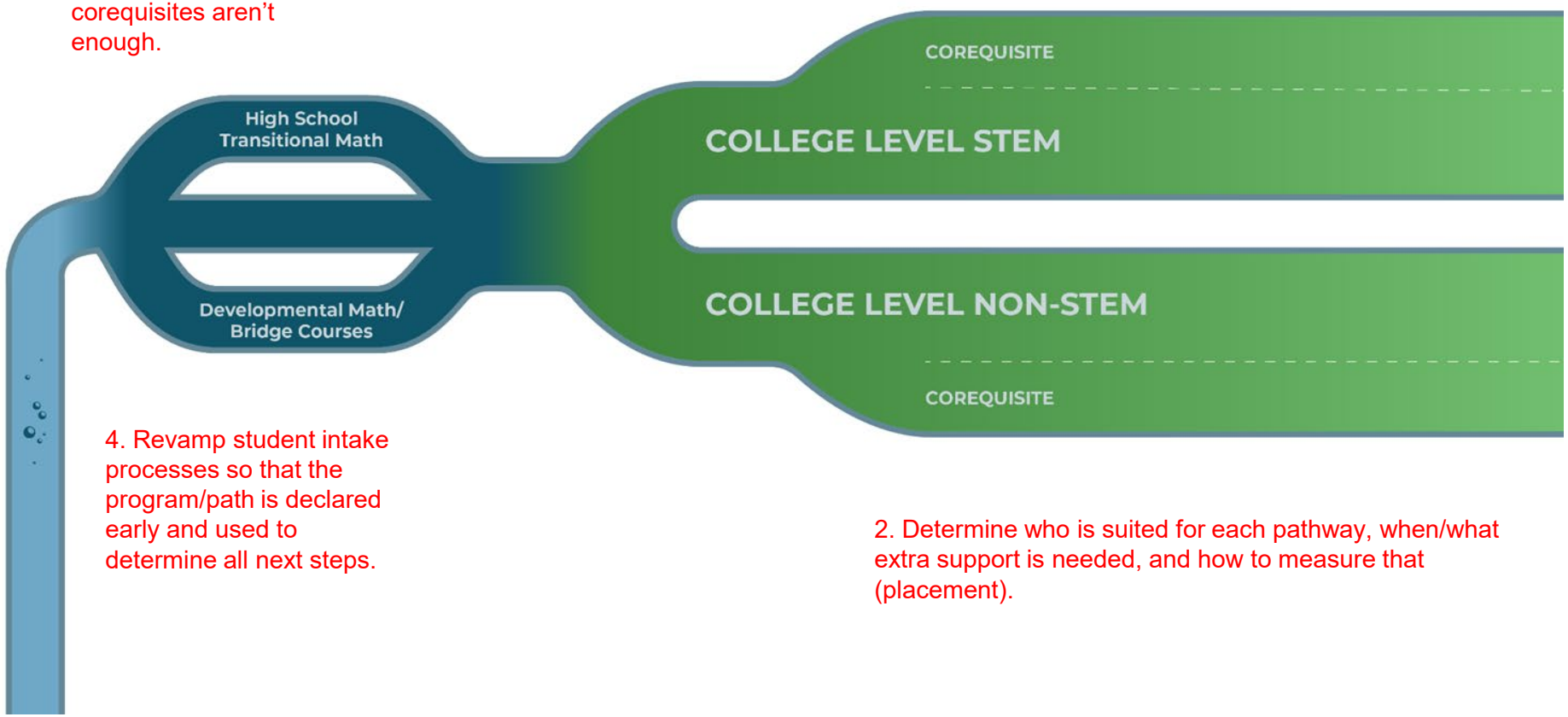
1. Start with the end in mind and differentiate curricular offerings, content, applications, assessments.

3. Include additional supports if corequisites aren't enough.




4. Revamp student intake processes so that the program/path is declared early and used to determine all next steps.

2. Determine who is suited for each pathway, when/what extra support is needed, and how to measure that (placement).

# IL Examples of Making DERA Work

# Prairie State College

## Intervention: Utilizing adult basic education

Math and English departments partnered with ABE to provide a DERA-compliant option for highest need students.

# Prairie State College

## Intervention: Adjust scheduling to impact pass rates

Changed corequisite scheduling to not be on Fridays, resulting in higher attendance and pass rates.

# Waubonsee Community College

## Intervention: Short -term bridge programs

Well designed, short refreshers were used to increase placement, sense of belonging, and math skills.

# Black Hawk College

## Intervention: Iteration on College Algebra corequisite

Continual adjustments in instruction, curriculum, and support logistics led to increased success.

# Rock Valley College

## Intervention: “Plus” courses simplify corequisite logistics

Cohorted versions of college-level courses with additional credit hours and support simplify registration and scheduling logistics.

# Illinois Central College

## Intervention: PMGE  -like course for STEM pathway

NSF materials Thinking With Algebra support a modern developmental option for students needing more than a College Algebra corequisite.

# Kaskaskia College

## Intervention: Corequisite technical math

Removing prealgebra and adding a corequisite to technical math increased completion and support for students.

# Discussion & Questions

# Next steps

Email if you're looking to get into an IL cohort for DERA support or individual support kalmy@almyeducation.com

**Register for and attend DERA Conference**
**April 17, Bloomington**

Incorporate feedback from ICCB into implementation

# THANK YOU

Please feel free to reach out with questions

**Kathy Almy**

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