

Transforming Developmental Education



NEBHE Legislative Advisory Committee Meeting
March 11, 2019



MASSACHUSETTS
Department of
Higher Education

Transforming Developmental Education

The Need for a Comprehensive Approach

Community
College
Students



For every 100 students
enrolling in dev'l math
in 2015 (n= 8,142)...



Only **24** completed
a credit-bearing math
course by 2017.

Transforming Developmental Education

The Need for a Comprehensive Approach

State
University
Students



For every 100 students
enrolling in dev'l math
in 2015 (n= 1,405)...



Only **56** completed
a credit-bearing math
course by 2017.

Transforming Developmental Education

A Comprehensive Approach

- In order to reduce remediation and increase student success, Massachusetts has adopted a three-pronged approach:
 - Assess students properly for credit-bearing courses using **multiple measures**;
 - Ensure students are completing the **appropriate math for their major**;
 - Provide students who require remediation **access to co-requisite courses in mathematics, reading, and writing**.

Developmental Education

Multiple
Placement
Measures

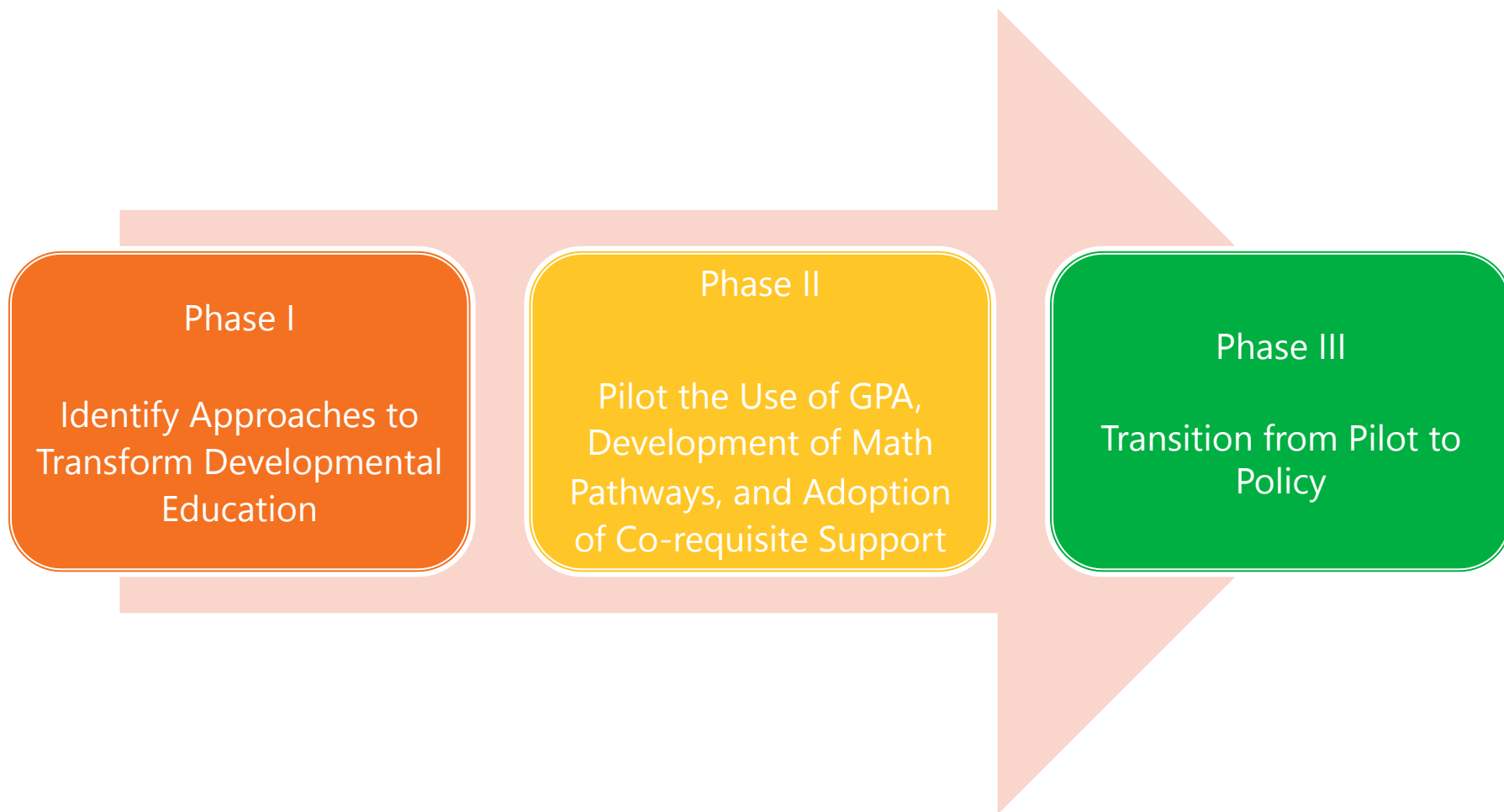
Mathematics
Pathways

Co-requisite
Support

Statewide Goals

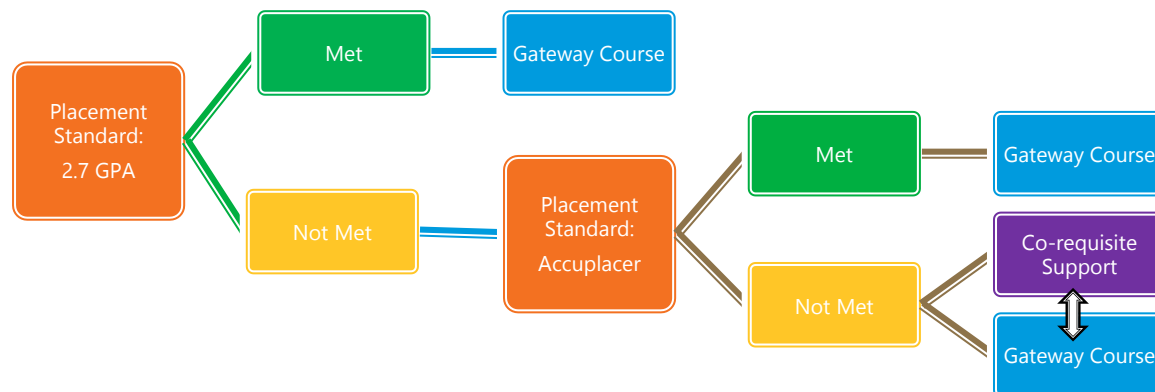
- At community colleges, 50% of first-time, degree-seeking students will successfully complete a college-level mathematics course appropriate for their major and a college-level Composition course within one year of initial enrollment/before earning 24 credits unless specified differently in their course of study by AY 2020-2021.
- At state universities and University of Massachusetts campuses, 75% of entering first-year degree-seeking students will successfully complete a college-level mathematics course appropriate for their major and a college-level Composition course within the first year of initial enrollment/before earning 24 credits unless specified differently in their course of study by AY 2020-2021.

A Phased Approach



Example: Placement Guidelines

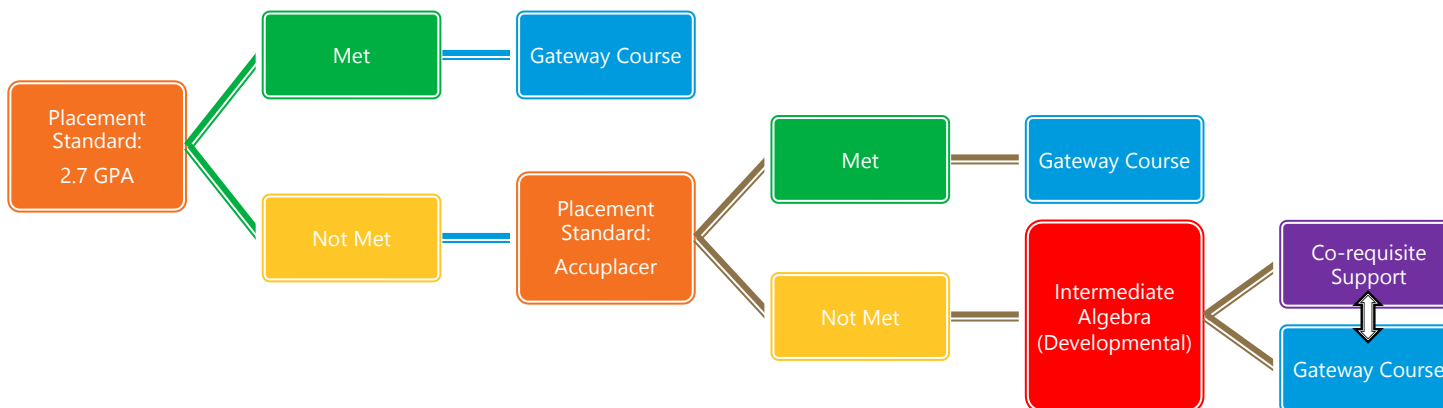
Quantitative Reasoning and Statistics



A2B Pathways with QR or Statistics

- Quantitative Reasoning: English, Fine Arts, History, Graphic Design
- Statistics: Criminal Justice, Political Science, Psychology

Calculus and Elementary Education



A2B Pathways with Calculus or Elementary Education

- Calculus: Biology, Chemistry, Computer Science, Engineering
- Elementary Education: Early Childhood Education, Elementary Education

Questions