



MCTA Spring Conference 2025

March 14, 2025

PRESENTED BY

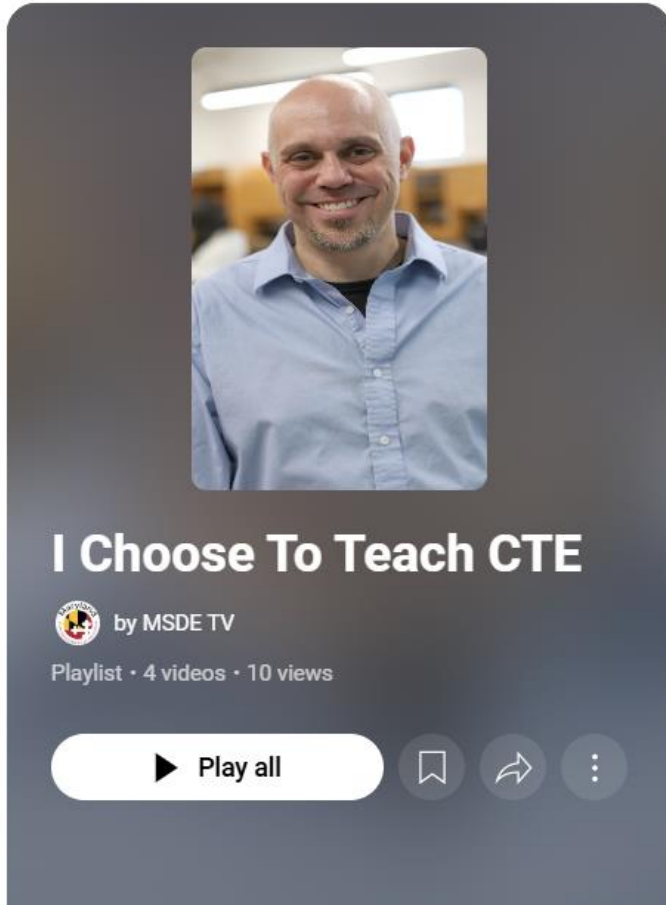
Office of College and Career Pathways



Presentation Outline

1. I Choose to Teach Video Series
2. Update: College and Career Readiness Standard
3. CTE Program of Study Redesign

I Choose to Teach CTE Video Series



I Choose To Teach CTE
by MSDE TV
Playlist · 4 videos · 10 views

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I Choose To Teach CTE:
Brendan Gallagher



I Choose To Teach CTE:
Marquis Smith



I Choose To Teach CTE:
Brittany Rigdon



I Choose To Teach CTE:
Charles Wood Sr.

https://www.youtube.com/playlist?list=PLU9D_H7zVKxCGellXzD6XTgBmtiAp2flu

CCR Standard: Blueprint Statutory Context

- The Blueprint requires a new College and Career Readiness (CCR) Standard to be set that allows graduates to succeed in entry-level credit-bearing college courses. The goal is for all students to meet the standard by the end of their 10th grade year and no later than graduation.
 - The Blueprint directs the State Board to adopt a CCR Standard that reflects the results of the empirical research study, once complete.
- Meeting the CCR Standard enables students to:
 - Be prepared for a Post-CCR Pathway (AP, IB, dual enrollment, early college, Career and Technical Education (CTE), etc.)
 - Enroll in credit-bearing courses in Maryland community colleges

Blueprint Statute Excerpts:

- *“A student shall meet the CCR standard when the student meets a standard in English language arts, mathematics, and, when practicable, science that enables the student to be successful in entry level credit bearing courses or postsecondary education training at a State community college.”*
- *“After the study conducted [...] is complete, and periodically thereafter, the State Board shall adopt a new CCR standard.” “After the empirical study required [...] is complete, the CCR standard shall reflect the results of that study.”*
- *“Each community college and other open-enrollment public institution of higher education shall accept for enrollment in credit-bearing courses any individual who has achieved college and career readiness according to the standard adopted by the State Board.”*
- *“When the Accountability and Implementation Board determines that the Blueprint for Maryland's Future has been fully implemented, post-CCR pathways shall be available only to students who have met the CCR standard, except under limited circumstances determined by the Board.”*
- *“Subject to [the paragraph above], beginning with the 2022-2023 school year, [implementation] may not preclude enrollment in the initial stages of one or more post-CCR pathways [...], including the opportunity to make progress towards a CTE credential.”*

MD Code, Education, §15-126; §7-205.1

History of CCR Standard Adoption



APRIL
2021

Blueprint is enacted and requires a new College and Career Readiness (CCR) Standard be set that allows graduates to succeed in entry-level credit-bearing college courses.

FEBRUARY
2022

The interim CCR standard, that was specified in the Blueprint legislation, is adopted by the State Board of Education (SBOE).

JANUARY
2024

After the conclusion of the empirical research study, the SBOE adopted a new CCR standard, with two options for students to meet the standard, including using their GPA and succeeding in a math course. The State Board acknowledges this is a step in the right direction and will continue to reevaluate the CCR Standard as appropriate.

MARCH
2025

Revised CCR Standard Policy Document is submitted to the SBOE for consideration and adoption.

CCR Interim Standard (Phasing Out)

- The **CCR interim standard** was **specified in the Blueprint legislation** and **adopted by the State Board** of Education in February 2022.
- A student meets the interim CCR Standard if **they meet or exceed the standards** on the state **assessments in both English and math**.
- The Interim CCR Standard is still in effect at this time. After the conclusion of SY 2024-2025, students will only be able to meet the CCR standard using the newly adopted metrics.

Blueprint Interim CCR Standard

English

English 10

- **Score 3 or 4 on Fall or Spring MCAP** (2022 – present)
- Score 2 or 3 on early Fall 2021 MCAP
- Score 4 or 5 on the PARCC (2015 - 2019)

AND

Math

Algebra I, Algebra II, or Geometry

- **Score 3 or 4 on Fall or Spring MCAP** (2022 – present)
- Score 2 or 3 on early Fall 2021 MCAP
- Score 4 or 5 on the PARCC (2015 - 2019)

Or score 520 on the Math SAT

The Maryland State Board of Education adopted the interim standard on February 22, 2022, based on Blueprint Statute.

College and Career Readiness (CCR) Standard (Adopted 2024)

CCR Standard

OPTION 1

Academic Success

Earn a High School Grade Point Average (GPA) of 3.00 or Higher

- AND -

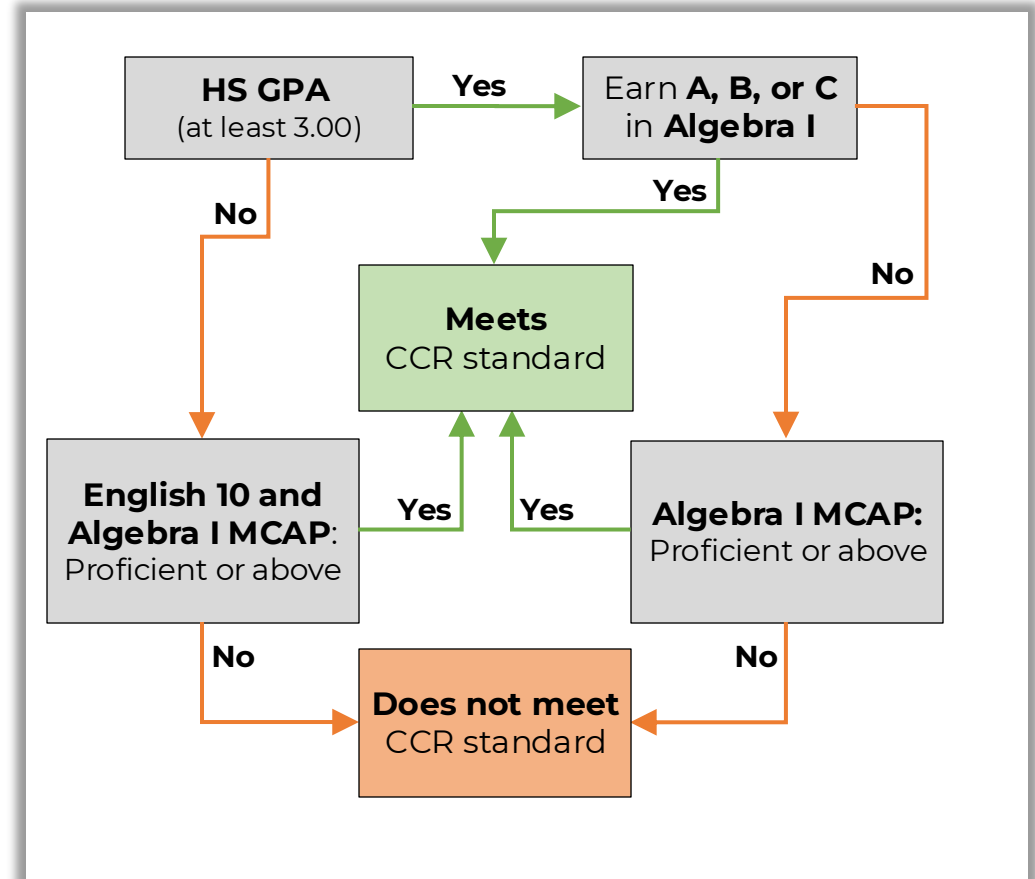
Math Mastery

Earn Grade of A, B, or C in Algebra I **OR** Score Proficient or above on the Algebra I MCAP

OPTION 2

Score Proficient or above on the ELA 10 **AND** Algebra I MCAP Assessments

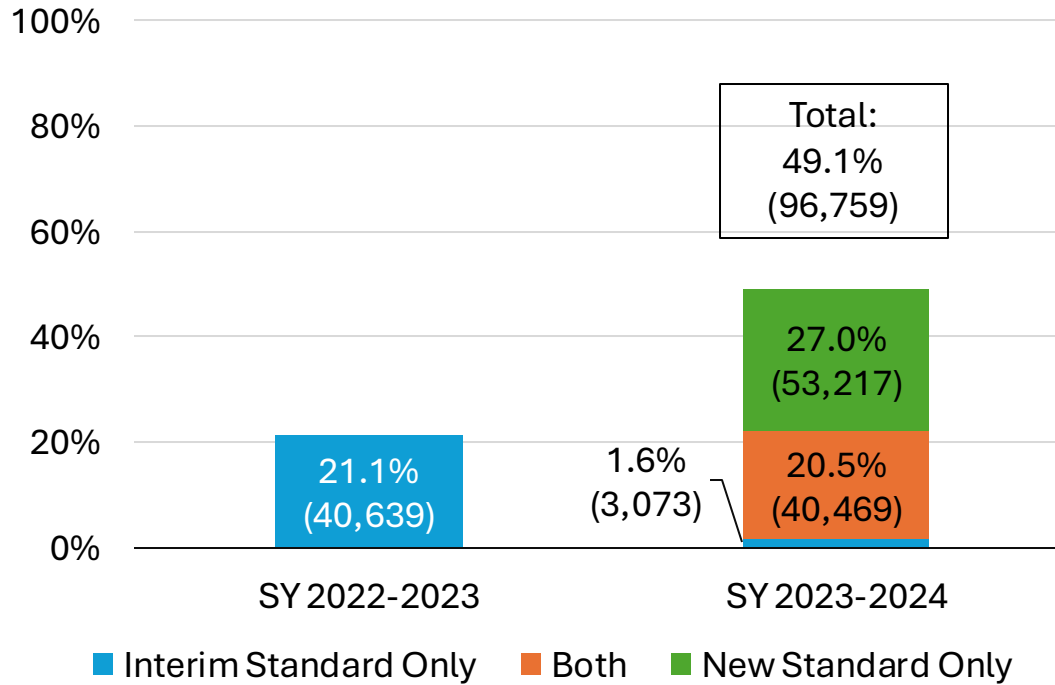
CCR Standard Flow Chart



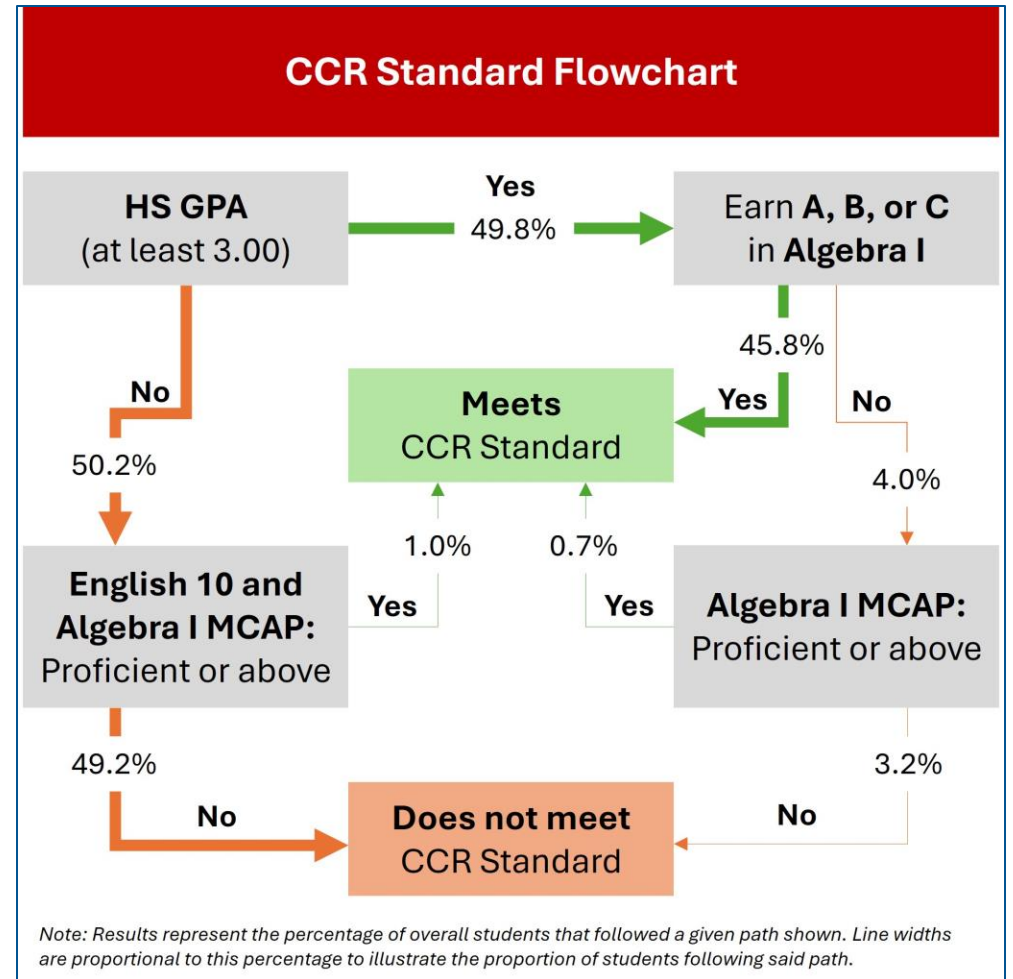
Impact of Expanded CCR Standard

The new CCR standard more than doubled the number of students identified as CCR in 2023-2024.

Percent of Students that Met the CCR Standard



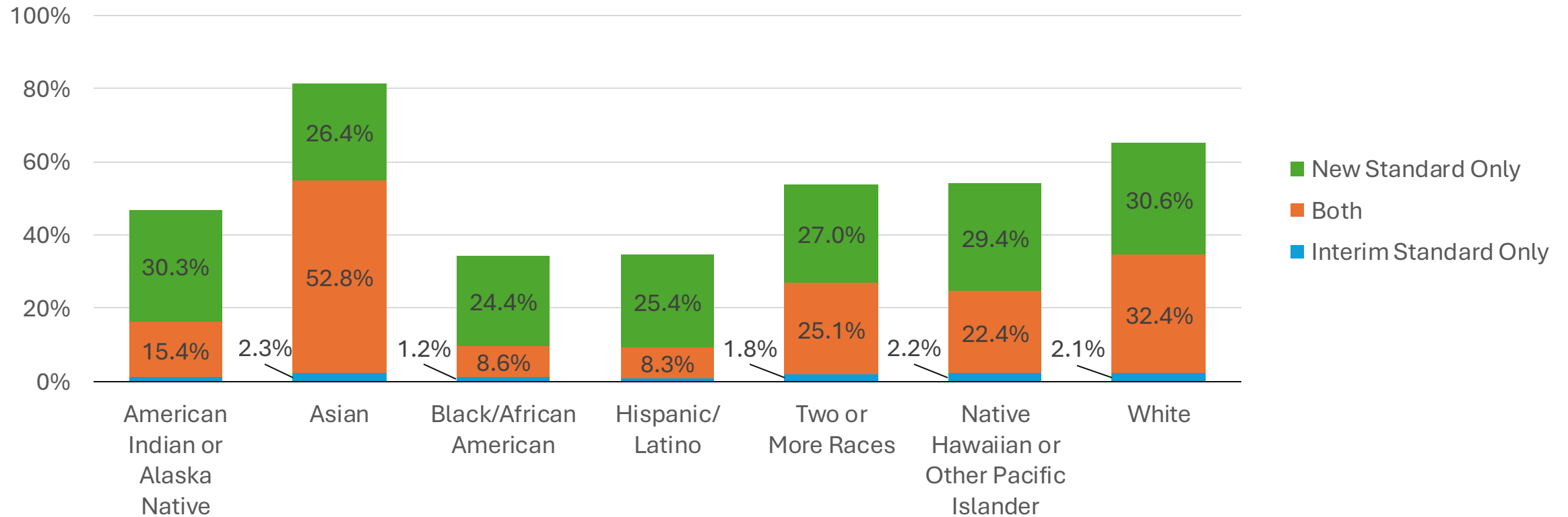
Percentages are based on students in grades 10-12. Grade 9 students could only meet the interim standard in both years; 0.1% did in 2022-2023 and 0.2% did in 2023-2024.



Impact of Expanded CCR Standard by Race/Ethnicity

The new CCR standard more than tripled the number of Black/African American and Hispanic/Latino students identified as CCR in 2023-2024.

Percent of Students that Met the CCR Standard by Race/Ethnicity, SY 2023-2024

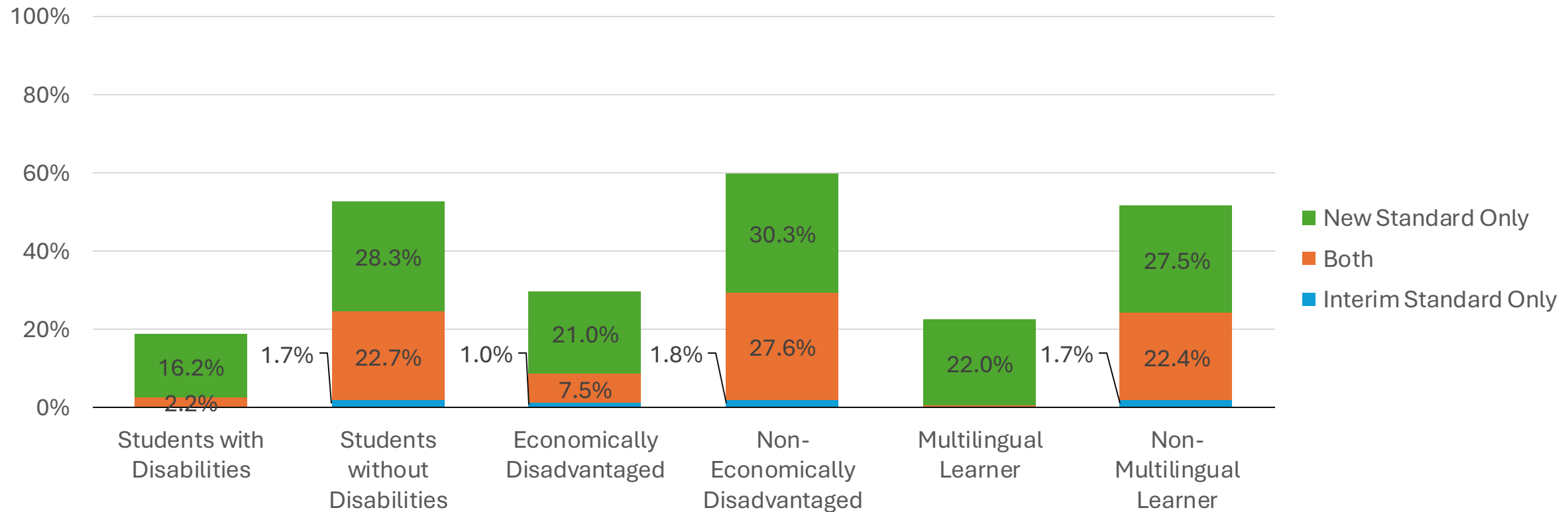


Note: Percentage only include students in grades 10-12.

Impact of Expanded CCR Standard by Service Group

The new CCR standard had a large impact on the CCR identification of Students with Disabilities, Economically Disadvantaged students, and Multilingual Learners.

Percent of Students that Met the CCR Standard by Service Group, SY 2023-2024



Note: Percentages only include students in grades 10-12.

Benefits of Meeting the CCR Standard

- Students who meet the CCR Standard are entitled to be enrolled in credit-bearing courses at any Maryland community college or other open-enrollment public institution of higher education. Students who meet the CCR Standard during high school may take advantage of this benefit while they are still in high school or after graduation.
- All students who meet the CCR Standard are provided with access to Post-CCR Pathways, at no cost to the student or the student's parents, including the cost of any fees.
- Students who have met the CCR standard are entitled to their LEA covering the costs of 2 dual enrollment courses per Fall and Spring academic semester.
- Students may enroll in additional dual enrollment courses beyond those covered by the LEA. The costs of these additional courses will be the responsibility of the student.
- LEAs may choose to cover the costs of additional tuition and fees beyond the minimums defined above.

Benefits for Students Who Have Not Met the CCR Standard

- Students who have not yet met the CCR standard shall have initial access to Post-CCR Pathways, such as developmental and/or corequisite dual enrollment courses (e.g., CCR supports) and introductory CTE courses.
- When the Accountability and Implementation Board determines that the Blueprint for Maryland's Future has been fully implemented, Post-CCR pathways shall be available only to students who have met the CCR standard, except under limited circumstances determined by the State Board of Education.
 - When this policy change is made, students who have not yet met the CCR Standard will no longer have initial access to Post-CCR Pathways.
- “Initial Access” shall be defined as any of the following:
 - The first two courses of a CTE program of study
 - Up to two AP or IB courses.
 - Up to two dual enrollment or dual credit courses

CCR Supports

- Starting in School Year 2023-2024, students in the 11th and 12th grades who have not yet met the CCR Standard shall be provided with the appropriate CCR Supports to assist the student in meeting the CCR Standard as soon as possible.
 - When appropriate for a specific student, LEAs should consider whether the student should be encouraged to retake a course in which they have not earned a C or higher.
 - When appropriate for a specific student, LEAs should consider whether the student should be encouraged to reattempt an assessment that they have not yet scored proficient.
- Starting in School Year 2023-2024, students in any grade, up to and including 10th grade, who are not on track to meet the CCR Standard by the end of their 10th grade year shall be provided with the appropriate CCR Supports to assist the student in meeting the CCR Standard as soon as possible.

Proposed Revised Math Mastery Definition

To align with the recommendations of the Maryland's Launch Years Task Force and the draft PreK- 12 Mathematics Policy, the "Math Mastery" component of the CCR Standard is proposed to be revised to read:

Beginning with the graduating class of 2030-2031 (students in grade 9 or below in school year 2027-2028), the Math Mastery option of the College and Career Readiness standard shall be updated to define math mastery as one or more of the following achievements:

- Earning a final course **grade of A, B, or C** in **both Integrated Algebra 1 AND Integrated Algebra 2; OR**
- Scoring **Proficient** or above on the **Integrated Algebra** statewide **assessment; OR**
- Earning a final course **grade of A, B, or C** in an **Advanced Mathematics Pathways course** in which Integrated Algebra is a prerequisite.

CCR Standard: Design Priorities

Prioritize equitable opportunities for all students, regardless of situation

Ensure all options to meet the CCR Standard are equally rigorous

Avoid opportunities to circumvent the intent of the policy

Ensure alignment with other statewide improvement efforts, including the *Accountability and Assessment Taskforce* and the standards revisions processes

Proposed Additional Criteria Options to Meet the CCR Standard (1 of 3)

With the approval and adoption of the State Board of Education, starting in School Year 2025-2026, in addition to meeting the currently adopted criteria, students may meet the CCR Standard by meeting one of the below options:

- A. Earn a **one-year core-content GPA of 3.00 or higher in their 11th grade or 12th grade** year. This GPA is not cumulative of previous years and only includes courses completed in the student's 11th grade or the student's 12th grade year. This GPA is also calculated by only including all ELA, Math, Science, Social Studies, and CTE courses taken that year; other elective courses are not included in this calculation.
- B. Earn a **grade of C or better** (unless otherwise specified by dual enrollment agreements) in at least **two core-content dual enrollment or dual credit courses** at any point in the student's high school career. One of these courses must be a Math course and one of these courses must be an ELA, Science, or Social Studies course.

Proposed Additional Criteria Options to Meet the CCR Standard (2 of 3)

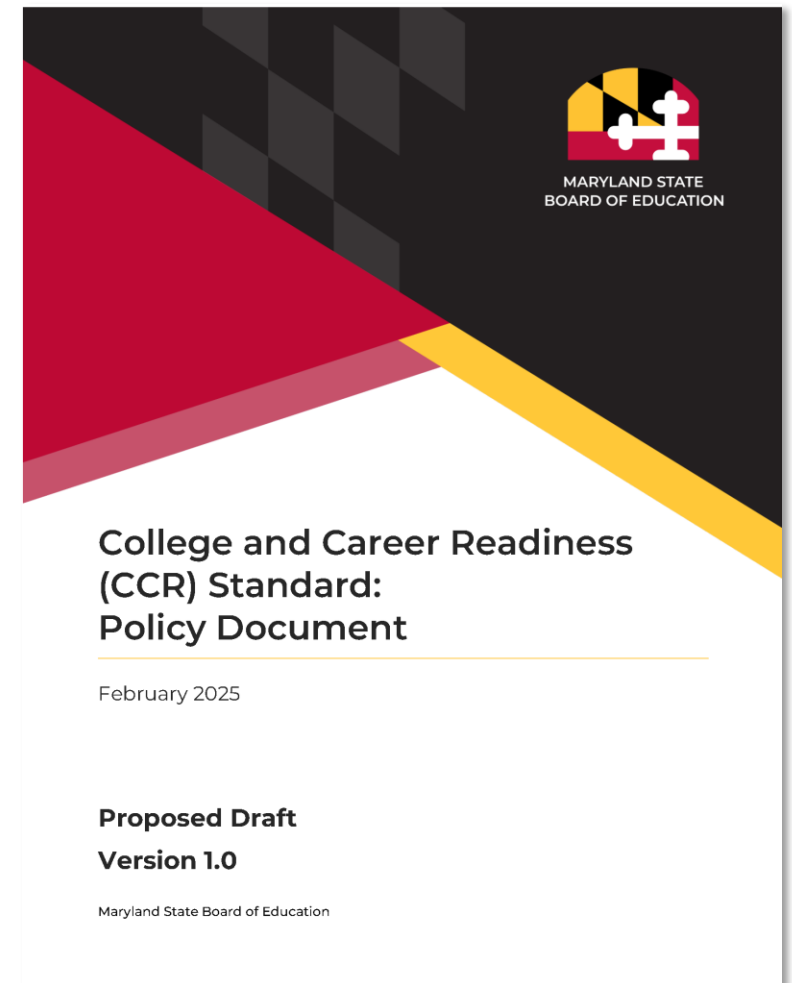
- C. Meet a performance threshold on at least **two advanced academics (AP or IB programs) assessments** at any point in the student’s high school career. At least one of these courses must be a Math course. For AP assessments, scoring a 3 or higher is required. For IB Diploma Programme assessments, scoring a 4 or higher is required.
- D. Meet the College and Career Readiness Benchmarks on the **SAT or ACT:**
- i. To meet the College and Career Readiness Benchmarks on the **SAT**, as defined by the College Board, students must earn a score of at least **480 on the Reading and Writing** section **AND** earn a score of at least **530 on the Mathematics** section.
 - ii. To meet the College Readiness Benchmarks on the **ACT**, as defined by the ACT, students must earn a score of at least **18 on the English** section **AND** earn a score of at least **22 on the Mathematics** section.
- E. Obtain a score of “**At Target**” on both the **Math AND English/Language Arts Dynamic Learning Maps Alternate Assessments**. (For students with the most significant cognitive disabilities, who are already participating in the Alternate Framework.)

Proposed Additional Criteria Options to Meet the CCR Standard (3 of 3)

- F. Earn **Silver or better on the ACT WorkKeys** National Career Readiness Certificate (NCRC) assessment.
- G. **Earn a state-approved Industry-Recognized Credential**, aligned with a Career and Technical Education and/or Comprehensive Arts pathway.
- H. Complete the **high school level of a registered apprenticeship** program.
- I. **ASVAB** with a score of 50 or higher

Public Comment and Feedback

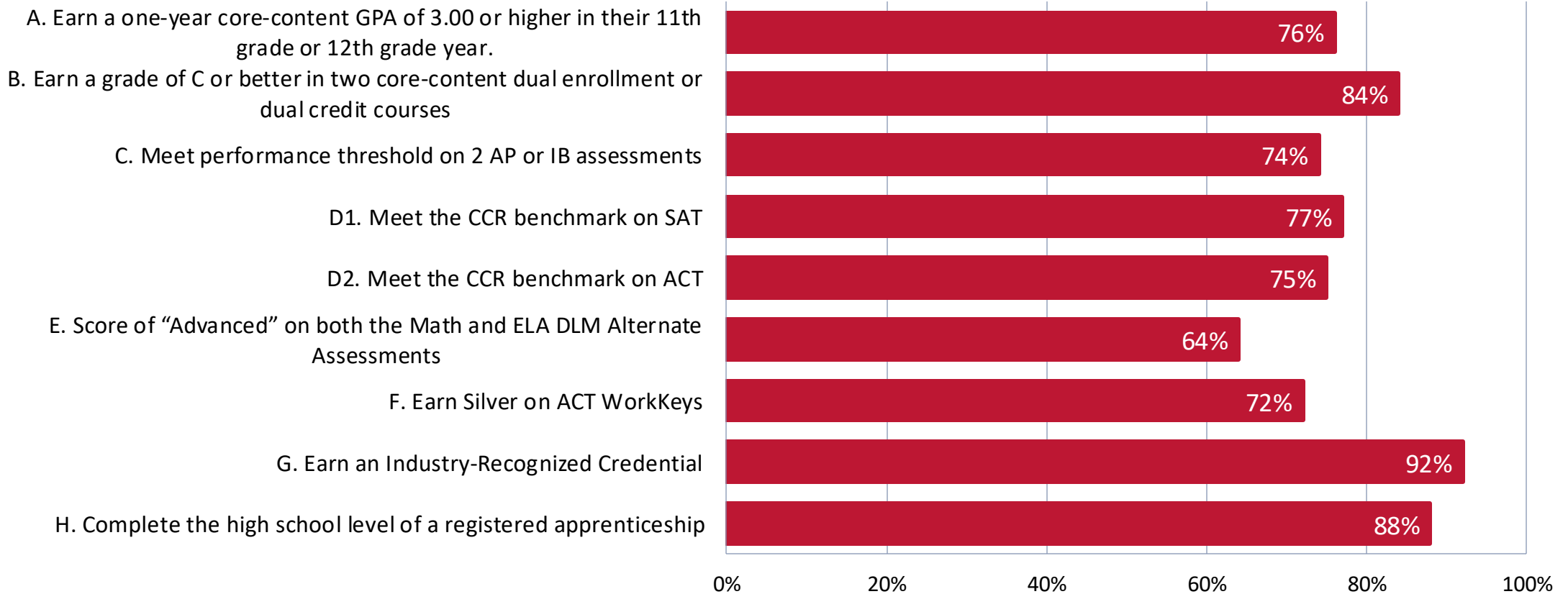
- The proposed draft CCR Standard Policy Document was shared with LEA Superintendents, Chief Academic Officers, Career and Technical Education leaders, and more.
- During a meeting of LEA Chief Academic Officers in February, the document was reviewed and discussed.
- The document was posted on MSDE's website, with a public invitation to complete a feedback survey.
<https://blueprint.marylandpublicschools.org/ccr-standard/>
- 269 responses were submitted to the feedback survey, offering insight into how best to define the CCR Standard to support students.
- Respondents included parents, students, teachers, principals, LEA staff, higher education community members, and business community members



Public Feedback on Proposed Options

Between 64% and 92% of respondents supported the inclusion of each of the proposed CCR criteria.

Percent that agreed or strongly agreed that each of the options below should be included in the final policy



Note: between 248 and 267 participants responded to each criteria.

Public Comment Summary

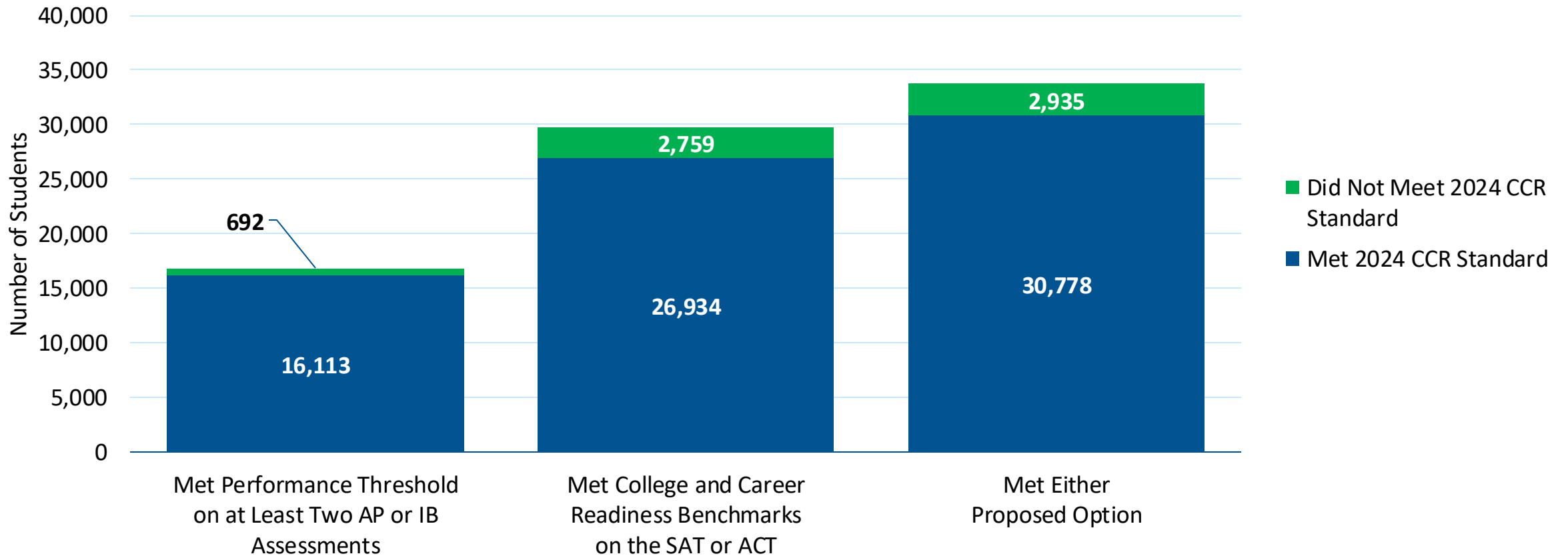
- **Strong support for multiple pathways** to CCR, including work-based learning, apprenticeships, and non-traditional assessments
- **Top suggested new additions:** World language proficiency, ASVAB, portfolio work-based learning
- **Most frequently mentioned issue:** Expanding or modifying GPA criteria, e.g., one-year vs. cumulative GPA, eligible courses, unweighted GPA, and impact on students taking rigorous courses
- **Implementation challenge:** Clearer timelines and guidance on criteria for inclusion as CCR indicator (dual enrollment, AP/IB, math courses, etc.)
- **Clearer differentiation** between college and career readiness, ensuring that students pursuing careers outside of traditional college pathways are supported
- **Equity concerns remain a priority**, especially regarding ML students, special education students, and access disparities in different districts.

Proposed Implementation Timeline

- The Interim CCR Standard is still in effect at this time, through the end of SY 2024-2025. After that time, students may not use the Interim CCR Standard definitions.
- The “new” CCR Standard (2024) will remain in effect.
 - This standard is not being repealed.
- Starting in SY 2025-2026, students may start also utilizing the additional criteria options, in preparation for SY 2026-2027.
 - For example, if a student would meet the proposed CCR Standard through a one-year 11th grade GPA of 3.5 in SY 2025-2026, they would be recognized as meeting the CCR Standard in Summer 2026 and have access to its benefits starting in SY 2026-2027.
- Beginning with the graduating class of 2030-2031 (students in grade 9 or below in school year 2027-2028), the Math Mastery component definition will be revised.

Impact Simulation of Proposed CCR Options

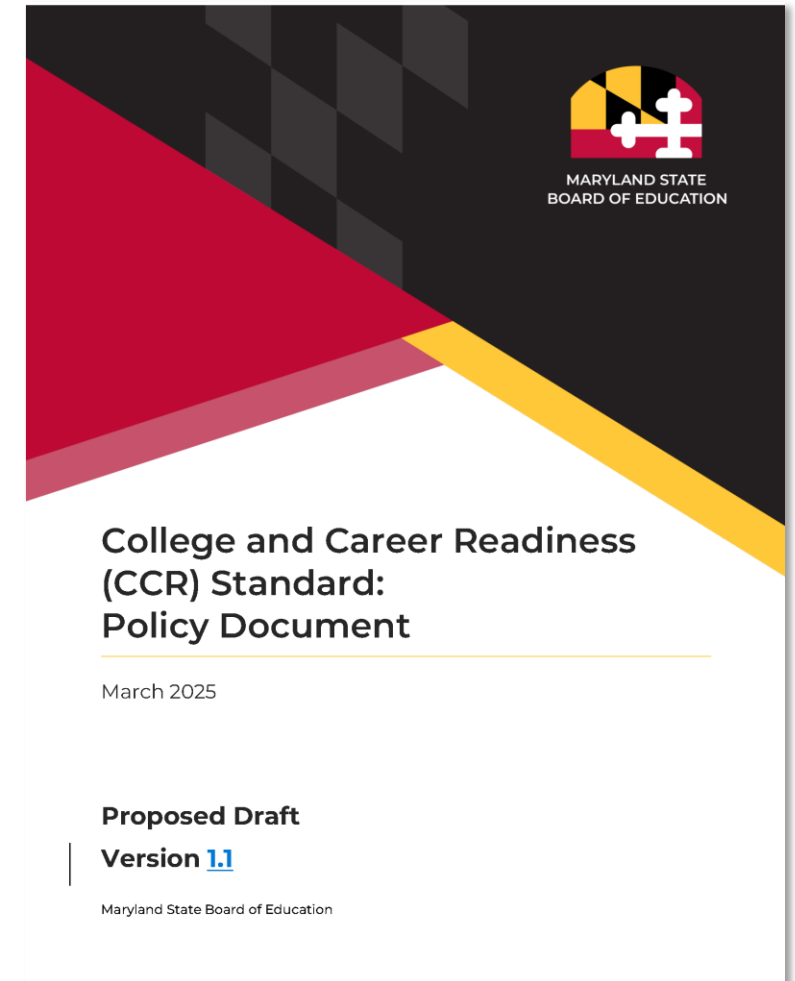
A simulation of two proposed options indicates that if these options had been implemented in SY 2023-2024, they would have identified an additional 2,935 students as CCR.



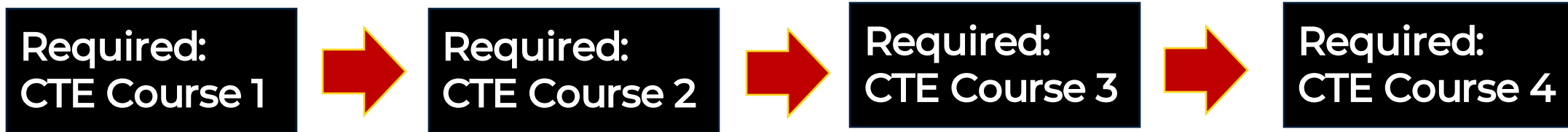
Note: Analysis only includes students in grades 10-12 in SY 2023-2024. Data for the other proposed options is not available.

Requested Board Action

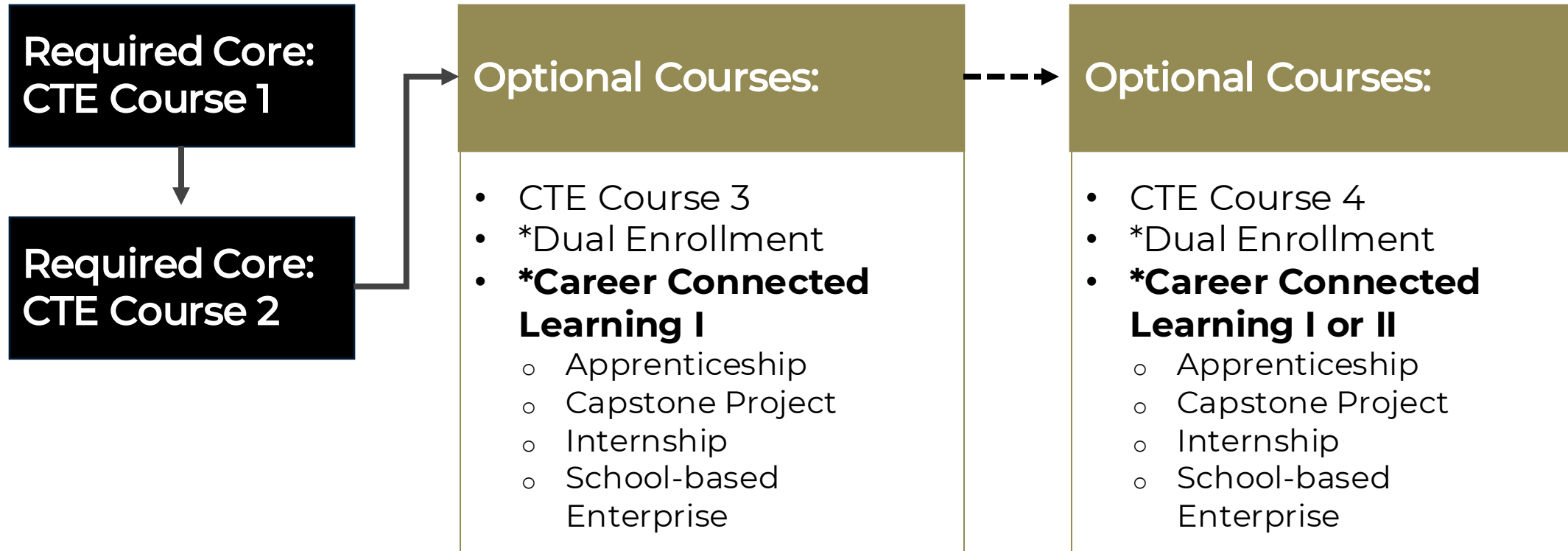
- MSDE requests that the State Board of Education adopt the proposed CCR Standard, as defined in the policy document, to go into effect starting in School Year 2025-2026.
- Starting in SY 2025-2026, students may start also utilizing the additional criteria options, in preparation for SY 2026-2027.
- Students may still utilize the options specified in the 2024 CCR Standard. These have no expiration.



CTE Program of Study – 4 Course Model (Current)



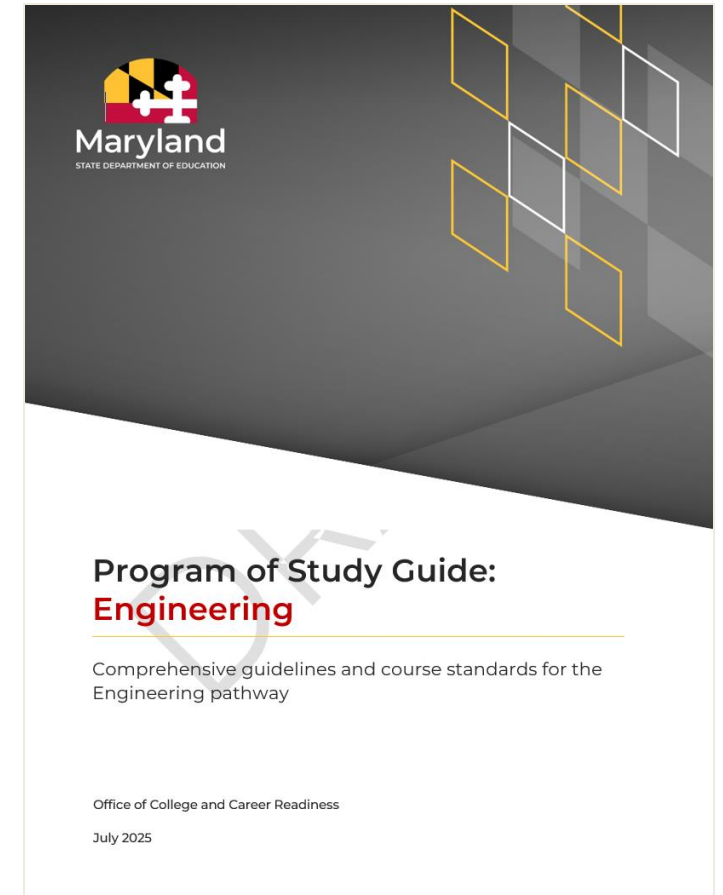
CTE Program of Study – (2 Course Flex Model)



*Dual Enrollment and Career Connected Learning Options Must be Aligned to the CTE Core.

Program Guide and Review Process

- **48 Programs of Study** Aligned to **14 Career Clusters**
- Each guide includes the following **10 Sections**:
 1. Document and Control Information
 2. Purpose
 3. Sources of the Standards
 4. Industry-Recognized Credentials and Work-Based Learning
 5. Labor Market Information and Data
 6. Course Standards 1
 7. Course Standards 2
 8. Course Standards 3
 9. Career Connected Learning I and II



Course Standards

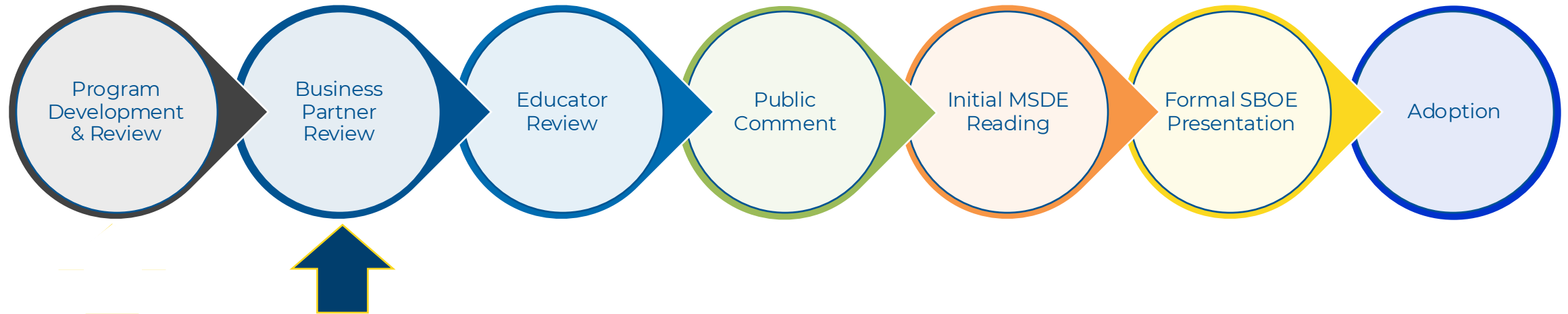
The standards for each course include the following three sections:

- General Requirements
- Introduction
- Knowledge and Skills: which includes both **Content** standards and **Process** standards.
 - **Content Standards** focus on **what** students need to know or be able to do. In the guides, they are in bold and are represented by letters (e.g., A, B, C, D, E...)
 - **Process Standards** focus on **how** students engage with and use their knowledge. In the guides, they are represented by numbers (e.g., 1, 2, 3, 4...)

Review Process

- **Business Review:**
 - Breadth and Depth of the Content Standards
 - Identification of Missing Content
 - Alignment Between Content Standards and Process Standards
 - Additional Information and Clarifications Needed
 - Recommendations for Deletions and Modifications
 - Coherence and Progression Across Courses
- **Educator Review:**
 - Amount of Content within a Course
 - Feasibility of Teaching the Course Content

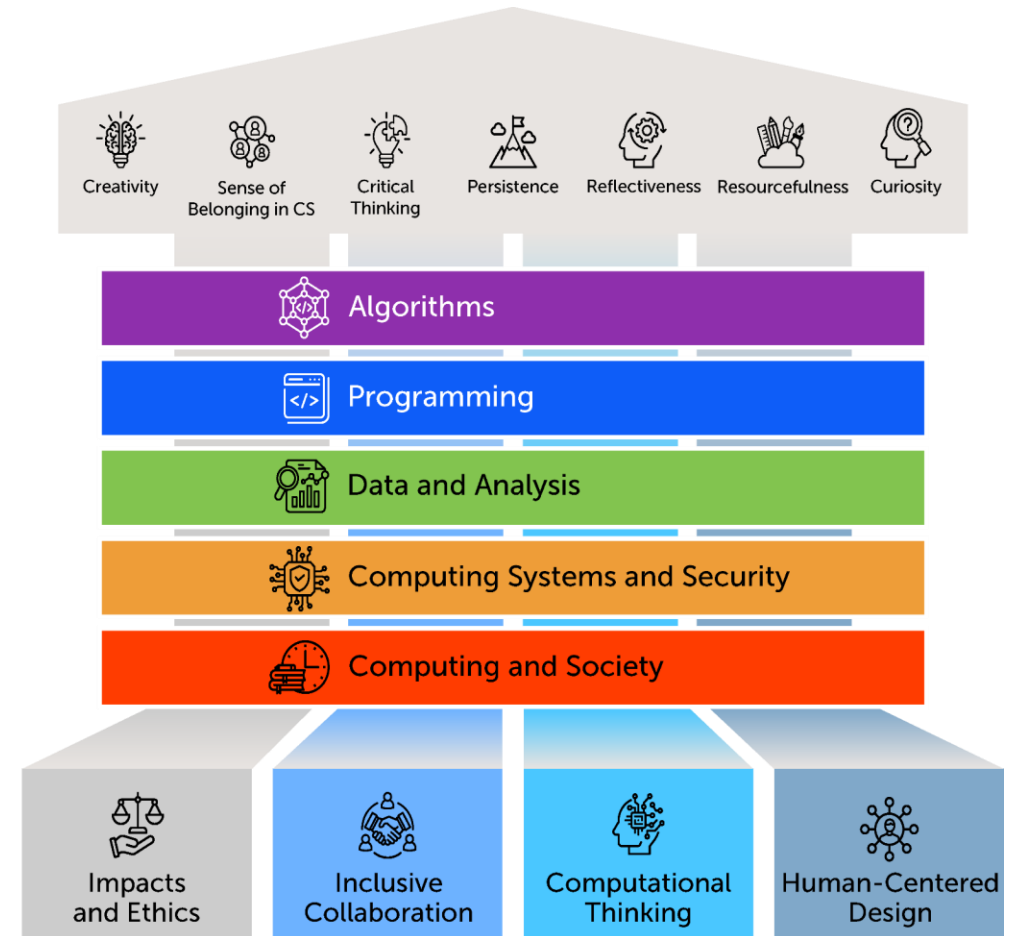
CTE Program Redesign Process



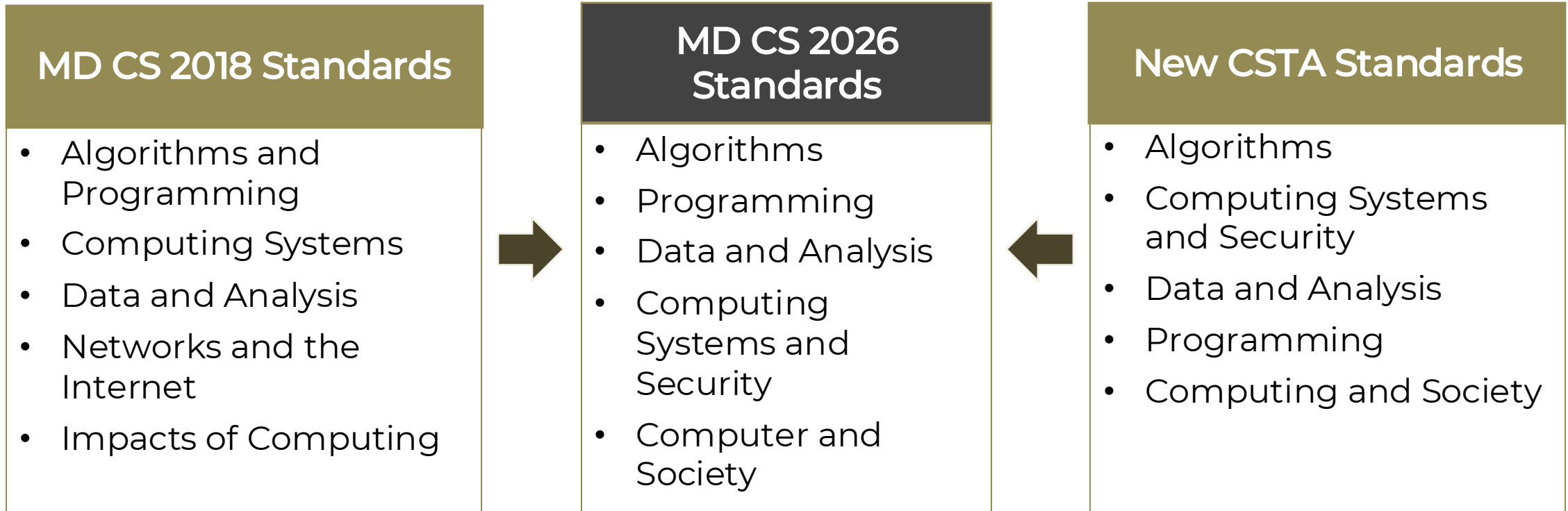
CS Standards Updates

Catching up with the times

- Standards were last revised in 2018
- CSTA is developing standards that will be released summer 2026
- Internal discussions about updating Cyber and adding AI before then



Computer Science Standards



Cross-cutting Standards: General Standards, Cyber and Network Security Standards, and Artificial Intelligence Standards.

