24-Credit Career- and College-Ready Graduation Requirements:

How Do the 24-Credit Graduation Requirements Add Up?

17 + 3 + 4 = 24

17 Core Credits + 3 Personalized Pathway Requirements

- 4 English
- 3 Math
- 3 Science
- 3 Social studies
- 1 Career and Technical Education
- 2 Health and Fitness
- 2 Arts
- 2 World Language

4 Elective Credits

24 Credit* Career- and College-Ready Graduation Requirements
for the Class of 2019 & Beyond

PPR = Personalized Pathway Requirements: Three locally determined courses that lead to a specific post-high school career outcome chosen by the student, based on the student’s interest and High school and Beyond Plan.

*For individual students, 2 credits may be waived: A district must adopt a written policy to waive up to 2 credits of the 24, based on the student’s ‘unusual circumstances.’
How Are Math Requirements Changing?

For the Class of 2013 to the Class of 2018:

3 Credits of High School Math

- Algebra I/Integrated Math 1
- Geometry/Integrated Math 2
- Algebra II/Integrated Math 3

or

- A third credit of high school math in place of Algebra II/Integrated Math 3
  - Approved in a meeting with the student, the parent or guardian, and a school representative.

For the Class of 2019 and Beyond:

3 Credits of High School Math

- Algebra I/Integrated Math 1
- Geometry/Integrated Math 2

and

- A third credit of high school math based on the student’s High School and Beyond Plan
  - Approved by the student and the parent or guardian, or school counselor or school principal.

24-Credit Career- and College-Ready Graduation Requirements:

- Algebra I/Integrated Math 1
- Geometry/Integrated Math 2
- Algebra II/Integrated Math 3
24-Credit Career- and College-Ready Graduation Requirements:

How Are Science Requirements Changing?

2 + 1 = 3

Until the Class of 2018:

2 Credits of Science including 1 lab

1 Credit of Lab Science

The third credit of science based is the student’s High School and Beyond Plan, and approved by the student and the parent or guardian, or a school counselor or principal.

For the Class of 2019 and Beyond:

3 Credits of Science including 2 labs

What is a Lab?

“Laboratory experiences provide opportunities for students to interact directly with the material world (or with data drawn from the material world), using the tools, data collection techniques, models and theories of science.” The National Research Council. (2006) America’s Lab Report: Investigations in High School Science.

This definition allows flexibility in offering lab science classes—not all laboratory sciences need to be taught in a specialized laboratory facility.
24-Credit Career- and College-Ready Graduation Requirements:

How Much Student Choice?

4 + 3 = 7

4 Elective Credits
Districts may have local requirements.

3 Personalized Pathway Requirement Credits
Courses that lead to a specific post-high school career and educational outcome chosen by the student.
Also, the content of the 3rd credit of math and the 3rd credit of science are student choice, with the agreement of a parent, guardian, counselor or principal.

7 Flexible Credits
For students to explore and to pursue a pathway that leads to a post-high school career or educational outcome of their choice.

Career and Technical Education courses determined to be equivalent to core requirements and competency-based credits provide additional flexibility for students.
What are Personalized Pathway Requirements (PPR)?

**High School and Beyond Plan (HSBP)**
Plan for attaining post-secondary career and education goals, created in collaboration between the student, parent/guardian, and high school staff.

**Personalized Pathway**
Locally determined high school course work necessary to prepare for the particular career and education goal chosen by the student.

**Personalized Pathway Requirements (PPR)**
The three credits that a student must specify in their HSBP that meet both graduation requirements and helps to prepare for the particular career and education goal chosen by the student.
What Flexibility is There for Districts?

For districts that need extra time: one or two year extensions to implement the 24 credit graduation requirements granted to districts that apply to the State Board of Education.

Non-credit requirement removed: the Culminating Project is removed as a state requirement for the Class of 2015 and beyond.

Definition of lab science: not all lab science classes need to be taught in a specialized laboratory facility.

“Laboratory experiences provide opportunities for students to interact directly with the material world (or with data drawn from the material world), using the tools, data collection techniques, models and theories of science.” The National Research Council. (2006) America’s Lab Report: Investigations in High School Science.

This definition allows flexibility in offering lab science classes.
What About STEM (Science, Technology, Engineering and Math) and CTE (Career and Technical Education) Course Equivalencies?

24-Credit Career- and College-Ready Graduation Requirements:

Science
- 3 Credits Required
- 2 labs
- Content of 3rd credit specified in the student's High School and Beyond Plan

Technology
- 1 Credit Required
- 3 Personalized Pathway Requirement credits if the student chooses a CTE pathway
- 4 electives possible

Engineering
- 3 Credits Required
- Algebra 1 or Integrated Math 1
- Geometry or Integrated Math 2
- Content of 3rd credit specified in the student's High School and Beyond Plan

Math
- 3 Credits Required

High School Technology and Engineering courses are usually Career and Technical Education courses.

Career and Technical Education Course Equivalency

Equivalent courses meet two graduation requirements with one course.
- Course equivalency helps students meet graduation requirements and adds flexibility to student schedules.
- The Office of the Superintendent of Public Instruction will develop a list of selected CTE courses that are considered equivalent to science or math courses that meet high school graduation requirements.
- Districts must offer at least one CTE math or at least one CTE science equivalency course through high school courses, inter-district cooperatives, skill centers, online learning or Running Start vocational courses. Districts with fewer than 2,000 students may seek a waiver from this requirement from the State Board of Education.
- Some CTE courses may also be identified as equivalent to English, health, fitness, and arts courses.