K-12 COMPUTER SCIENCE AND DIGITAL FLUENCY POLICY AND REGULATORY CONSIDERATIONS

BOARD OF REGENTS PRESENTATION

JUNE 2022

New York State
EDUCATION DEPARTMENT
Knowledge › Skill › Opportunity

MODELS OF INSTRUCTION IN COMPUTER SCIENCE

Integrated into other content area subjects

Stand-alone courses

Sequences of courses

Programs, including approved CTE programs

CAREER AND TECHNICAL EDUCATION IN NEW YORK

Currently comprises six content areas

An academic subject area that prepares students to be BOTH college and career ready

Found in almost every secondary school in New York; not just for BOCES

Skills Developed

- Professional Skills (Consistent Across all CTE content areas)
- Applied Academics (Academic skills necessary to learn the CTE content)
- Workplace Skills (Differentiated by CTE content)

PROGRAM REQUIREMENT CONSIDERATIONS

	Middle level CTE – 1.75 units of study at the intermediate level	Must be taught by a certified CTE teacher
	NYSED-Approved CTE Programs – At least 3 units of CTE content	Must be taught by a certified CTE teacher
	CDOS +1 Pathway	May be taught by any certified CTE teacher
	Computer Science – Integrated across the disciplines	May be taught by any certified teacher
	Computer Science – Stand-alone courses	Must be taught by a holder of Computer Science Certification or Computer Science Statement of Continued Eligibility (CS SOCE*)

* Required beginning September 2024

COMPUTER SCIENCE AS A CTE SUBJECT AREA: CONSIDERATIONS AND STAKEHOLDER FEEDBACK
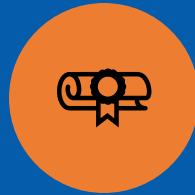
IMPACT ON STUDENTS

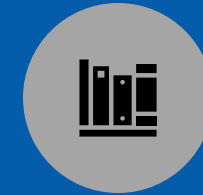IMPACT ON TEACHERS

IMPACT ON SCHOOL DISTRICTS AND BOCES

IMPACT ON TEACHER PREPARATION PROGRAMS

INCREASED FLEXIBILITY FOR DISTRICTS AND BOCES

CDOS Option 1 Diploma Pathway

Middle level 1.75-unit CTE requirement

Five-unit CTE sequence leading to a Regents Diploma with Advanced Designation

NYSED-approved CTE program leading to +1 CTE Pathway

Ability to utilize Perkins funding

Continued flexibility in instructional models

QUESTIONS?

New York State
EDUCATION DEPARTMENT
Knowledge > Skill > Opportunity