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TO: District Superintendents
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FROM: Amy Cox, Director, Career Readiness and Workforce Partnerships

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DATE: April 13, 2023

SUBJECT: Courses Requiring Computer Science Certification or a Computer Science Statement of Continued Eligibility (SOCE) Effective September 1, 2024

In December 2020, the Board of Regents adopted new K-12 Computer Science and Digital Fluency Learning Standards and approved a timeline that outlined the dates by which district are required to begin implementing the new Standards.

In October 2022, the Board of Regents extended the deadline by which teachers of computer science courses must hold the computer science certificate or computer science statement of continued eligibility (SOCE) to September 1, 2024.

To help school districts plan their staffing needs for computer science courses beginning with the 2024-2025 school year, the New York State Education Department (NYSED) has developed the following list of courses that will require teachers to hold the Computer Science (All Grades) certificate or the Computer Science SOCE effective September 1, 2024. Teachers who do not hold this computer science certificate or SOCE will not be considered appropriately certified to teach these courses beginning with the 2024-2025 school year.

The following courses will require the Computer Science (All Grades) certificate or Computer Science SOCE after September 1, 2024. These courses will no longer be considered interdisciplinary specialized courses. Courses below are listed with their appropriate code based on The New York State Comprehensive Course Catalog.

- 10000: CTE Middle Level Introduction to Computer Science 7-8
- 10019: AP Computer Science Principles

- 10157: AP Computer Science A
- 10158: IB Computer Science SL
- 10159: IB Computer Science HL
- 10997: Comp & Info Sci-Ind Study
- 10998: Comp & Info Sci-Work Exp
- 10999: Computer and Information Sciences (Other) - other advanced, non-AP/IB courses
- 60000: CTE Middle Level Introduction to Computer Science 5-6
- TBD: Computer Science Discoveries - Secondary

The Computer Science (All Grades) certificate and Computer Science SOCE applications are now available in the TEACH system. The requirements for the certificate and SOCE are available on the [Search Certification Requirements webpage](). Information about the Computer Science SOCE as well as the list of Acceptable Computer Science courses that would allow a teacher to be eligible to apply for the SOCE are also available on the [Office of Teaching Initiatives website]().

Districts that are either considering or planning to offer the above computer science courses in the 2024-25 school year may wish to consider offering one or more courses on the Acceptable Computer Science courses list referenced above in the 2023-24 school year to provide one or more teachers with the opportunity to apply for the SOCE.

For answers to frequently asked questions (FAQs) please review [the Computer Science and Digital Fluency FAQ webpage](). For questions regarding the course codes for computer science courses that have been taught by teachers in the past, please reach out to your district data coordinator. Please direct other questions as follows:

- Questions regarding course coding (for district data coordinators): [NYSED Office of Information Reporting Services]()

- Questions regarding the Computer Science (All Grades) certificate and Computer Science SOCE requirements: [Office of Teaching Initiatives]()

- Questions regarding the Computer Science and Digital Fluency (CSDF) Learning Standards: [Office of Educational Design and Technology]()

- Questions regarding use of computer science as a career and technical education (CTE) content area: [Office of Career and Technical Education]()

Acceptable Courses for Teachers seeking the SOCE in Computer Science

COURSE_ID	COURSE_NAME
05252	Interactive Design
05253	Interactive Game Design
05254	Web Design
10000	CTE Middle Level Introduction to Computer Science 7-8
10001	Introduction to Computers
10002	Computing Systems
10003	Computer & Info Tech
10004	Computer Applications
10006	Telecommunications
10007	IB Info Tech in Global Society
10008	Partic Topic Computer Literacy
10019	AP Computer Science Principles
10049	Computer Literacy-Other
10051	Information Management
10052	Database Mgmt & Data Warehouse
10053	Database Applications
10054	Data Systems/Processing
10055	Partic Topic Mgmt Info Systems
10099	Mgmt Info Systems-Other
10101	Network Technology
10102	Networking Systems
10103	Area Network Design & Protocol
10104	Router Basics
10105	NetWare Routing
10106	Wide Area Telecom & Network
10107	Wireless Networks
10108	Network Security
10109	Essentials Network Operate Sys
10110	Microsoft Cert Prof (MCP)
10111	Partic Topic Network Systems
10149	Networking Systems-Other
10151	Business Programming
10152	Computer Programming
10153	Visual Basic (VB) Programming
10154	C++ Programming
10155	Java Programming
10156	Comp Prog-Other Language

10157	AP Computer Science A
10159	IB Computing Studies
10160	Partic Topic Computer Program
10199	Computer Programming-Other
10201	Web Page Design
10202	Computer Graphics
10203	Interactive Media
10204	Partic Topic Media Tech
10249	Media Technology-Other
10251	Computer Technology
10252	Computer Maintenance
10253	Information Support & Services
10254	IT Essentials: PC Hard & Soft
10255	CISCO-Pand Net Infra Ess PNIE
10256	Partic Topic Info Supp & Serv
10299	Info Support & Serv-Other
10999	Comp & Info Sci-Other
21009	Robotics
21053	Emerging Technologies
60000	CTE Middle Level Introduction to Computer Science 5-6
60001	Introduction to Computers
60002	Computing Systems
60003	Computer & Info Tech
60004	Computer Applications
60008	Partic Topic Computer Lit
60010	Computer Literacy
60049	Computer Literacy—Other
60201	Web Page Design
60202	Computer Graphics
60203	Interactive Media
60204	Computer Science Discoveries (All Grades)
60999	Comp & Info Sci—Other
4155	ADV PLMNT COMPUTER SCI A-B
4156	COM. SCI. FOR COLLEGE CREDIT
4189	COMPUTER MATHEMATICS
4190	COMPUTER PROGRAMMING
4197	ADV PLACMNT-COMPUTER SCIENCE A
4964	WEB SITE/PAGE DESIGN
4965	CISCO COMPUTER NETWORK ACADEMY
5143	COMPUTER APPLICATIONS
5328	COMP DATA ACQU&CONTROL SYSTMS

5341	COMPUTER APPLICATIONS CISCO/A+
5342	COMPUTER PROGRAMMING