

## TEACHING COMPUTER SCIENCE AT NYC PUBLIC SCHOOLS

NYC Public Schools (NYCPS) offers many different opportunities for students to learn about computer science! While all NYCPS teachers must hold NYS teacher certification, prospective computer science teachers must meet specific certification requirements in order to teach the various computer science courses. This guidance document outlines the certification requirements for each computer science course and the pathways toward meeting them.

### TEACHING COMPUTER SCIENCE COURSES AT NYC PUBLIC SCHOOLS

In order to teach the following courses, teachers must hold **one of the following**:

- Statement of Continued Eligibility ([SOCE](#))
- Computer Science Pre-K – 12 Classroom Teacher Certification

#### Course List:

- CTE Middle Level Introduction to Computer Science 7-8
- AP Computer Science Principles
- AP Computer Science A
- IB Computer Science SL
- IB Computer Science HL
- Comp & Info Sci-Ind Study
- Comp & Info Sci-Work Exp
- Computer and Information Sciences (other) - other advanced non-AP/IB courses
- CTE Middle Level Introduction to Computer Science 5-6
- Computer Science Discoveries - prior to secondary (*Grades 6 and below*)
- Computer Science Discoveries - Secondary

In order to teach the following courses, teachers must hold **one of the following**:

- Statement of Continued Eligibility ([SOCE](#))

- Pre-K – 12 Classroom Teacher Certification in one of the following subject areas:
  - Computer Science
  - Technology Education
  - Business and Marketing
- Career & Technical Education Transitional A certificate in Computer Technology 7-12

**Course List:**

- Business Programming
- Web Page Design
- Interactive Media
- Particular Topics in Media Technology
- Media Technology--Other

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  - Technology Education
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**Course List:**

- Computer Programming
- Visual Basic Programming
- C++ Programming
- Java Programming
- Computer Programming--Other Language
- Particular Topics in Computer Programming
- Computer Programming--Other
- Information Support and Services
- IT Essentials: PC Hardware and Software
- CISCO--Panduit Network Infrastructure Essentials (PNIE)
- Particular Topics in Information Support and Services
- Information Support and Services--Other

**PATHWAYS TO OBTAINING COMPUTER SCIENCE CERTIFICATION**

In order to determine the specific requirements for each certification, visit the [NYSED Certification Requirement Search Tool](#) and search for the information below. Pursue the pathway that best meets your educational background and experiences!

**1. Statement of Continued Eligibility**

- a. Area of Interest: Statements of Continued Eligibility (SOCE)
- b. Subject Area: Computer Science
- c. Grade Level: All Grades
- d. Title: Statement of Continued Eligibility – Computer Science
- e. Type of Certificate: Computer Science SOCE

**2. Pre-K – 12 Classroom Teacher Certification**

- a. Area of Interest: Classroom Teacher
- b. Subject Area: Computer Science *or* Technology Education *or* Business & Marketing
- c. Grade Level: Pre-K – 12 – All Grades
- d. Title: Computer Science (All Grades) *or* Technology Education *or* Business & Marketing
- e. Type of Certificate: Select any pathway

**3. Career & Technical Education Transitional A certificate in Computer Technology 7-12**

- a. Area of Interest: Career & Technical Teacher
- b. Subject Area: Information Technology
- c. Grade Level: Adolescent- Grades 7 – 12
- d. Title: Computer Technology 7 – 12
- e. Type of Certificate: Select any pathway

Already hold Pre-K - 12 Classroom Teacher Certification or think you meet the requirements for Career & Technical Education certification? Submit your [new teacher application](#) today! Visit [TeachNYC.net](#) for resources to support you as you complete your application. Once your application has been reviewed and accepted, you will be entered into the New Teacher Finder so you can begin your job search to find your NYC Public Schools teaching home.

Need additional guidance? Visit the [Online Support Center](#) and [contact us](#) with your question.