

[First Reprint]
SENATE, No. 2397

STATE OF NEW JERSEY
217th LEGISLATURE

INTRODUCED JUNE 20, 2016

Sponsored by:

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District 29 (Essex)

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District 18 (Middlesex)

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Senator Turner

SYNOPSIS

Directs State Board of Education to authorize computer science education endorsement to instructional certificate.

CURRENT VERSION OF TEXT

As reported by the Senate Education Committee on February 6, 2017, with amendments.



(Sponsorship Updated As Of: 2/7/2017)

1 AN ACT concerning computer science education and supplementing
2 chapter 26 of Title 18A of the New Jersey Statutes.

3

4 **BE IT ENACTED** by the Senate and General Assembly of the State
5 of New Jersey:

6

7 1. a. The State Board of Education shall authorize a computer
8 science education endorsement to the instructional certificate. The
9 endorsement shall authorize the holder to teach computer science in
10 all public schools, and shall be required to teach computer science
11 in grades ¹**[9]** ⁷ through 12 beginning at such time as the State
12 board determines that there is a sufficient number of teachers
13 holding the computer science education endorsement to make the
14 requirement feasible.

15 b. The standards established by the State board shall require a
16 candidate for the endorsement to hold a standard instructional
17 certificate with at least one other teaching endorsement and provide
18 documentation that the candidate has completed ¹**[**, at a minimum,
19 the following coursework:

20 (1) a class that is equivalent to Advanced Placement Computer
21 Science Principles that focuses on computers in society including,
22 but not limited to, data, ethics, security, the internet, and
23 algorithms;

24 (2) a class that is equivalent to Advanced Placement Computer
25 Science A, an introductory programming class for computer science
26 majors;

27 (3) a data structures class that is equivalent to a second semester
28 programming class for computer science majors; and

29 (4) computer science methods, a class that focuses on computer
30 science pedagogy, and current research and best practices in
31 computer science education] the computer science related
32 coursework requirements determined by the State board up to a
33 maximum of 15 credits¹.

34 c. A teacher who taught computer science within the three
35 years prior to ¹**[the effective date of this act]** such time as the State
36 board determines to require a computer science education
37 endorsement to teach computer science in grades 7 through 12¹,
38 shall be issued a computer science education endorsement to the
39 instructional certificate upon application to the State Board of
40 Examiners.

41

42 2. The State Board of Education shall adopt pursuant to the
43 “Administrative Procedure Act,” P.L.1968, c.410 (C.52:14B-1 et

EXPLANATION – Matter enclosed in bold-faced brackets **[thus]** in the above bill is not enacted and is intended to be omitted in the law.

Matter underlined thus is new matter.

Matter enclosed in superscript numerals has been adopted as follows:

¹Senate SED committee amendments adopted February 6, 2017.

1 seq.), the rules and regulations necessary to carry out the provisions
2 of this act.

3

4 3. This act shall take effect immediately.