

MAINE STATE LEGISLATURE

The following document is provided by the
LAW AND LEGISLATIVE DIGITAL LIBRARY
at the Maine State Law and Legislative Reference Library
<http://legislature.maine.gov/lawlib>



Reproduced from scanned originals with text recognition applied
(searchable text may contain some errors and/or omissions)

SMY
R. of S.

1

Date: 6/7/17

majority

L.D. 398

2

(Filing No. H-434)

3

EDUCATION AND CULTURAL AFFAIRS

4

Reproduced and distributed under the direction of the Clerk of the House.

5

STATE OF MAINE

6

HOUSE OF REPRESENTATIVES

7

128TH LEGISLATURE

8

FIRST REGULAR SESSION

9

COMMITTEE AMENDMENT "A" to H.P. 289, L.D. 398, Bill, "An Act To Recognize Computer Science in the Path to Proficiency"

10

11

Amend the bill by striking out the title and substituting the following:

12

'Resolve, To Establish the Task Force To Recognize Computer Science in the Path to Proficiency'

13

14

Amend the bill by striking out everything after the enacting clause and inserting the following:

15

16

'Sec. 1. Science, Technology, Engineering and Mathematics Council to form task force to recognize computer science in the path to proficiency.

17

18

Resolved: That the Science, Technology, Engineering and Mathematics Council, referred to in this resolve as "the council," shall establish and convene a computer science education task force, referred to in this resolve as "the task force," to develop an informed strategy to integrate computer science into the State's proficiency-based high school diploma requirements, as well as to expose all students to computer science as a basic skill and as a potential career path. The council shall invite members to the task force and appoint the task force chair, who must be a person whose professional responsibilities include the advancement of computer science professional development and education in the State and who is aligned with the State's business community in carrying out those responsibilities; and be it further

19

20

21

22

23

24

25

26

27

28

Sec. 2. Duties. Resolved: That the duties of the task force must include, but are not limited to, the following.

29

30

1. The task force shall recommend a framework for an effective kindergarten to grade 12 computer science education system in the State and outline a strategy to ensure students have access to this education system. The task force shall:

31

32

33

A. Identify the key elements of computer science education that provide mathematics or science competencies needed to attain a proficiency-based diploma;

34

COMMITTEE AMENDMENT

1 B. Identify models of age-appropriate computer science curricula that provide
2 students in kindergarten to grade 12 basic knowledge of and familiarity with
3 computer science concepts and applications and opportunities to explore how
4 computer science may serve their educational needs and career aspirations; and

5 C. Develop a sustainable professional development strategy to deliver kindergarten
6 to grade 12 computer science education and to ensure that all students have access to
7 computer science education.

8 2. In determining the strategy described in subsection 1, the task force shall
9 investigate best practices for and barriers to implementation of the strategy. The task
10 force shall:

11 A. Identify and inventory computer science education activities currently underway
12 in the State and in other states, including:

13 (1) Classroom initiatives integrating computer science education into existing
14 curricular opportunities;

15 (2) Full access to courses that provide an opportunity for credit from an
16 institution of higher learning; and

17 (3) Models of education that effectively use offsite resources and online learning
18 opportunities to augment the resources available on site; and

19 B. Identify and inventory computer science professional development activities
20 currently underway in the State and highlight best practices for and barriers
21 encountered in delivering computer science professional development to teachers
22 across the State; and be it further

23 **Sec. 3. Coordination with Department of Education. Resolved:** That the
24 task force shall coordinate with the Department of Education to provide information on
25 identified areas of computer science education in the State and to enable the department
26 to undertake rulemaking related to improving access to computer science education in the
27 State. The work of the task force must inform and complement the work of the
28 department, and nothing in the duties of the task force may be construed to mean that the
29 department may not undertake initiatives or rulemaking related to computer science
30 education separate from the work of the task force; and be it further

31 **Sec. 4. Report; recommendations. Resolved:** That the task force shall report
32 its findings of best practices for computer science education and a recommended strategy
33 to develop and implement a high-quality computer science education curriculum for all
34 students to the Joint Standing Committee on Education and Cultural Affairs by January
35 15, 2018. The task force is authorized to make recommendations, including proposed
36 legislation and rules, in its report. The joint standing committee may report out a bill
37 based upon the report to the Second Regular Session of the 128th Legislature; and be it
38 further

39 **Sec. 5. Resources. Resolved:** That the council may provide funding and in-kind
40 donations received from public or private sources to fund the costs of the task force and
41 enable the task force to accomplish its duties. Any unused funds at the termination of the
42 task force may be retained by the council.'

1
2
3
4
5
6
7
8
9

SUMMARY

This amendment is the majority report of the committee. The amendment strikes and replaces the bill, which is a concept draft, with a resolve directing the Science, Technology, Engineering and Mathematics Council to form a computer science education task force to consider ways to develop an informed strategy to integrate computer science into the State's proficiency-based high school diploma requirements, as well as to expose all students to computer science as a basic skill and as a potential career path.

FISCAL NOTE REQUIRED

(See attached)



128th MAINE LEGISLATURE

LD 398

LR 1196(02)

An Act To Recognize Computer Science in the Path to Proficiency

Fiscal Note for Bill as Amended by Committee Amendment

Committee: Education and Cultural Affairs

Fiscal Note Required: Yes

A (H-454)

Fiscal Note

Minor cost increase - General Fund

Fiscal Detail and Notes

Additional costs to the Department of Education and the Science, Technology, Engineering and Mathematics Council to implement the requirements of this legislation can be absorbed within existing budgeted resources.