

# MAINE STATE LEGISLATURE

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EDUCATION AND CULTURAL AFFAIRS

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STATE OF MAINE

SENATE

125TH LEGISLATURE

FIRST REGULAR SESSION

COMMITTEE AMENDMENT "A" to S.P. 490, L.D. 1540, Bill, "An Act To Encourage Science, Technology, Engineering and Mathematics Education"

Amend the bill by striking out everything after the title and before the summary and inserting the following:

Emergency preamble. Whereas, acts and resolves of the Legislature do not become effective until 90 days after adjournment unless enacted as emergencies; and

Whereas, according to the United States Department of Labor, Bureau of Labor Statistics projections for labor force needs over the next decade, 18 of the 20 fastest-growing occupations are directly related to knowledge and education in the areas of science, technology, engineering and mathematics; and

Whereas, less than 5% of Maine high school students score at the advanced level in mathematics and less than 15% of Maine's bachelor's degrees are awarded in the areas of science, technology, engineering and mathematics; and

Whereas, it is necessary to enact this legislation immediately in order that the Science, Technology, Engineering and Mathematics Council established in this Act may begin its work in time to make its initial report by January 2012; and

Whereas, in the judgment of the Legislature, these facts create an emergency within the meaning of the Constitution of Maine and require the following legislation as immediately necessary for the preservation of the public peace, health and safety; now, therefore,

Be it enacted by the People of the State of Maine as follows:

Sec. 1. 5 MRSA §12004-C, sub-§8 is enacted to read:

8.

Science, Technology,  
Engineering and Mathematics  
Council

Expenses Only

20-A MRSA §11

COMMITTEE AMENDMENT

1           **Sec. 2. 20-A MRSA §11** is enacted to read:

2           **§11. Science, Technology, Engineering and Mathematics Council**

3           **1. Establishment; composition.** The Science, Technology, Engineering and  
4 Mathematics Council, established in Title 5, section 12004-C, subsection 8 and referred  
5 to in this section as "the council," consists of the following 16 members:

6           A. Five ex officio members:

7                   (1) The Commissioner of Education or the commissioner's designee;

8                   (2) The Chancellor of the University of Maine System or the chancellor's  
9 designee;

10                   (3) The President of the Maine Community College System or the president's  
11 designee;

12                   (4) The President of the Maine Maritime Academy or the president's designee;  
13 and

14                   (5) The Commissioner of Labor or the commissioner's designee; and

15           B. The following 11 members, appointed by the Governor:

16                   (1) A representative from the University of Maine, Maine Center for Research in  
17 STEM Education;

18                   (2) A representative who teaches in elementary or middle school;

19                   (3) A representative who teaches science or mathematics in secondary school;

20                   (4) A representative who teaches in a technical school;

21                   (5) A representative of public and private education partnerships;

22                   (6) A representative of a statewide science, technology, engineering and  
23 mathematics collaborative;

24                   (7) Two representatives from the business sector who employ workers with  
25 training in science, technology, engineering or mathematics;

26                   (8) A representative employed in an industry related to science, technology,  
27 engineering or mathematics;

28                   (9) A representative who teaches in an equivalent instruction program that is  
29 approved as an alternative to public school as set forth in section 5001-A,  
30 subsection 3; and

31                   (10) A representative from the State Board of Education.

32           **2. Terms; vacancy.** The members of the council appointed pursuant to subsection 1,  
33 paragraph B serve for 2-year terms and serve until their successors are appointed and  
34 qualified. On the expiration of a term of any member, a successor must be appointed to a

1 2-year term. A member of the council is eligible for reappointment to the council. A  
2 vacancy in the council does not impair the right of a quorum of the members to exercise  
3 all the rights and perform all the duties of the council. In the event of a vacancy  
4 occurring in the membership, the Governor shall appoint a replacement member for the  
5 remainder of the unexpired term in the same manner as the original appointment was  
6 made.

7 **3. Duties.** The council shall develop strategies for enhancing science, technology,  
8 engineering and mathematics education from prekindergarten through postsecondary  
9 education and:

10 A. Review research that has been conducted on science, technology, engineering and  
11 mathematics education in the State and recommend strategic directions for  
12 consideration by policymakers as they identify future investments in science,  
13 technology, engineering and mathematics;

14 B. Plan for coordinated state leadership with respect to science, technology,  
15 engineering and mathematics education and initiatives;

16 C. Develop initiatives to promote science, technology, engineering and mathematics  
17 education;

18 D. Devise strategies for promoting career and technical education alignment and  
19 supporting early career planning and transition supports from high school to college  
20 and to the workforce; and

21 E. Propose methods for integrating out-of-school programs focused on science,  
22 technology, engineering and mathematics with school-based programs, with the goal  
23 of inspiring more students to concentrate in the fields of science, technology,  
24 engineering and mathematics.

25 **4. Chair; vice-chair.** The council shall elect from its membership a chair and a  
26 vice-chair. The chair and vice-chair serve for one-year terms. The chair and vice-chair  
27 serve until their successors are elected. The chair calls meetings of the council and  
28 presides over meetings. The vice-chair serves as the chair in the absence of the chair.

29 **5. Meetings; quorum; subcommittees.** The council shall meet at least 2 times each  
30 year. The chair shall establish the agenda. A quorum of the council is 9 members. The  
31 council may establish subcommittees of no fewer than 3 members.

32 **6. Compensation.** Members of the council appointed pursuant to subsection 1,  
33 paragraph B are entitled to receive compensation for travel expenses as allowed under  
34 Title 5, section 12004-C, subsection 8 while engaged in council activities.

35 **7. Assistance.** The Department of Education, the University of Maine System and  
36 the Maine Community College System shall jointly provide staff support to the council.

37 **8. Annual report.** By January 15th annually, the council shall submit a report of its  
38 findings and recommendations to the joint standing committee of the Legislature having  
39 jurisdiction over education matters.

40 **Sec. 3. Staggered terms.** Notwithstanding the Maine Revised Statutes, Title  
41 20-A, section 11, subsection 2, the terms of the 11 initial appointments made in  
42 accordance with Title 20-A, section 11, subsection 1, paragraph B are staggered as

1 follows: 6 of the appointees must be appointed for 2-year terms and 5 of the appointees  
2 must be appointed for 3-year terms.

3 **Emergency clause.** In view of the emergency cited in the preamble, this  
4 legislation takes effect when approved.'

5 **SUMMARY**

6 The bill establishes the Science, Technology, Engineering and Mathematics Council.

7 This amendment makes the following changes to the bill:

8 1. It adds an emergency preamble and an emergency clause;

9 2. It adds the President of the Maine Maritime Academy to the ex officio members of  
10 the council;

11 3. It allows the ex officio members to designate a person to represent them on the  
12 council;

13 4. It adds 3 new members to the council, including a representative of:

14 A. The State Board of Education;

15 B. An equivalent instruction program that is approved as an alternative to public  
16 school as set forth in the Maine Revised Statutes, Title 20-A, section 5001-A,  
17 subsection 3; and

18 C. The business sector who employs workers with training in science, technology,  
19 engineering or mathematics;

20 5. It staggers the initial appointment of council members; and

21 6. It allows the council to form subcommittees of no fewer than 3 members.

22 **FISCAL NOTE REQUIRED**

23 (See attached)



Approved: 05/22/11 *mac*

# 125th MAINE LEGISLATURE

LD 1540

LR 2130(02)

**An Act To Encourage Science, Technology, Engineering and Mathematics Education**

**Fiscal Note for Bill as Amended by Committee Amendment "A" S-177**

**Committee: Education and Cultural Affairs**

**Fiscal Note Required: Yes**

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## Fiscal Note

Minor cost increase - General Fund

### Fiscal Detail and Notes

Additional costs to the Department of Education, the University of Maine System, and the Maine Community College System to serve on the council and to jointly provide staff support can be absorbed within the department's and each System's existing budgeted resources. Additional costs to the Department of Labor and Maine Maritime Academy to serve on the council can be absorbed within existing budgeted resources.