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HOUSE BILL 1983

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State of Washington

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1993 Regular Session

By Representatives Valle, Wood, Jacobsen, Springer, Shin, Forner, Quall, Sheldon, Morris, Wolfe, Patterson, L. Johnson, Cothorn, Karahalios and J. Kohl

Read first time 02/19/93. Referred to Committee on Trade, Economic Development & Housing.

1 AN ACT Relating to establishing a council on mathematics, science,  
2 and technology; adding new sections to chapter 43.31 RCW; and creating  
3 a new section.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF WASHINGTON:

5 NEW SECTION. **Sec. 1.** The legislature finds that mathematics,  
6 science, and technology are key parts of the education of Washington's  
7 youth and work force and are key to the long-term economic prosperity  
8 of Washington. In the coming years mathematics, science, and  
9 technology will become more pervasive and important with growing  
10 concerns about health, environmental protection, conservation, energy  
11 supply, industrial growth, and competing in a global economy. The most  
12 likely leading industries in the twenty-first century will be based on  
13 mathematics, science, and technology, including microelectronics,  
14 biotechnology, new materials industries, civilian aviation,  
15 telecommunications, robotics, and computer-related technologies.  
16 Therefore, literacy in mathematics, science, and technology will become  
17 increasingly important to the economic future of Washington state.

18 The legislature also finds that significant improvement in  
19 mathematics, science, and technology must occur in all segments of the

1 population to enable Washington state to build upon existing public and  
2 private sector resources to take full advantage of the projected  
3 leading industries for the twenty-first century.

4 The legislature intends to promote rapid improvement in Washington  
5 citizens' appreciation of and expertise in mathematics, science, and  
6 technology, to coordinate private and public efforts in this area to  
7 ensure Washington state's opportunities to obtain federal resources,  
8 and to develop science and technology industries.

9 NEW SECTION. **Sec. 2.** A new section is added to chapter 43.31 RCW  
10 to read as follows:

11 (1) A council on mathematics, science, and technology is created to  
12 encourage improvement in the ability of Washington citizens to use  
13 mathematics, science, and technology and to recommend state-wide  
14 science and technology policies to the governor and the legislature.

15 (2) The council shall develop recommendations to:

16 (a) Foster greater public understanding of the role of science and  
17 technology in modern society, encouraging more individuals to enter  
18 technical professions;

19 (b) Improve the ability of Washington citizens to understand and  
20 use mathematics, science, and technology, particularly development of  
21 a work force that is educated and skilled to work in science and  
22 technology-based industries;

23 (c) Strengthen public-private partnerships between industry,  
24 academia, and government;

25 (d) Coordination of existing technology development and  
26 commercialization programs in Washington's public and private sectors;

27 (e) Influence and coordinate with federal programs in promoting  
28 mathematics, science, and technology;

29 (f) Establish state-wide policies on mathematics, science, and  
30 technology;

31 (g) Resolve conflicts in the design and implementation of science  
32 and technology policies; and

33 (h) Analyze social, environmental, and economic impacts of  
34 technology on the citizens of Washington state.

35 NEW SECTION. **Sec. 3.** A new section is added to chapter 43.31 RCW  
36 to read as follows:

1 (1) The council on science and technology shall include the  
2 following members: (a) Five representatives of industries based on  
3 mathematics, science, or technology who are experienced or  
4 knowledgeable in the application of science and technology to business,  
5 industry, or the public sector; (b) one representative from the  
6 department of trade and economic development; (c) one representative of  
7 the higher education coordinating board; (d) one representative of K-12  
8 education; (e) one representative from each of the four-year research  
9 universities in the state; (f) one representative from the two-year  
10 community and technical colleges involved in technology transfer or  
11 industrial extension and modernization activities; (g) the executive  
12 director of the Washington technology center; (h) the executive  
13 director of the Spokane intercollegiate research and technology  
14 institute; (i) one representative of the federal laboratories; (j) one  
15 representative of Pacific Northwest laboratories; (k) one  
16 representative from the Fred Hutchinson research center; (l) one  
17 representative from Battelle laboratories; (m) one representative of  
18 the work force training and education coordinating board; (n) eight  
19 legislators, two from each of the major caucuses, four appointed by the  
20 speaker of the house of representatives and four appointed by the  
21 president of the senate; (o) one representative of the general public;  
22 and (p) one representative of the governor, who shall chair the  
23 council.

24 (2) The governor shall appoint the nonlegislative members. The term  
25 of office for each member, excluding the executive director of the  
26 Washington technology center, the executive director of the Spokane  
27 intercollegiate research and technology institute, the science advisor,  
28 the director of the department of trade and economic development, and  
29 the chair of the work force training and education coordinating board,  
30 shall be three years. Members are limited to serving two full terms on  
31 the council. The executive director of the Washington technology  
32 center, the executive director of the Spokane intercollegiate research  
33 and technology institute, and the director of the department of trade  
34 and economic development, are exempted from the term limitations. The  
35 governor shall stagger the terms of the first group of appointees to  
36 ensure the long-term continuity of the board.

37 (3) Staffing for the council shall be provided by the public  
38 agencies represented on the council.

1       (4) The council on mathematics, science, and technology shall  
2 provide an annual report of its activities to the governor, the senate  
3 committee on trade, technology, and economic development, and the house  
4 of representatives committee on trade and housing by January 30th of  
5 each year.

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