

Bill No. CS for SB 1504

Amendment No.

	<u>Senate</u>	CHAMBER ACTION	<u>House</u>
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11	Senator Cowin moved the following amendment:		
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13	Senate Amendment (with title amendment)		
14	On page 25, between lines 3 and 4,		
15			
16	insert:		
17	Section 15. Section 229.603, Florida Statutes, is		
18	amended to read:		
19	229.603 Instructional Technology Grant Program.--There		
20	is created the Instructional Technology Grant Program.		
21	<u>(1) SCHOOL TECHNOLOGY PLANS.--Each school must address</u>		
22	<u>proposals for implementing instructional technology in either</u>		
23	<u>the school improvement plan or a school technology plan which</u>		
24	<u>has been approved by the district school board. The school</u>		
25	<u>plan shall be submitted to the district school board by May 1,</u>		
26	<u>2000. By May 1 each year thereafter an update of the plan or a</u>		
27	<u>new plan must be submitted. The school improvement plan or the</u>		
28	<u>technology plan must:</u>		
29	<u>(a) Address the achievement of technology capability</u>		
30	<u>thresholds established by the Department of Education</u>		
31	<u>according to this section; and</u>		

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1 (b) Address safe access to the school media center
2 outside of the regular school day.

3 (2) DISTRICT TECHNOLOGY PLANS.--Each district must
4 submit a district technology plan to the Department of
5 Education that is a strategic, long-range plan that has been
6 developed using information from the technology plans of
7 schools in the district and the technology capability
8 thresholds established by the Department of Education. The
9 plan shall be for a period of at least 3 years but no more
10 than 5 years and the initial district plan shall be submitted
11 to the department by November 1, 2000. A new plan shall be
12 submitted by November 1 in the final year of the prior plan
13 and an update must be submitted by November 1 of each of the
14 interim years for the duration of the plan. The plan shall
15 include the following essential elements:

16 (a) A mission statement including, but not limited to,
17 how the district will incorporate technology into the
18 educational program to promote the effective use of technology
19 to implement the state academic standards to improve the
20 performance of all students.

21 (b) A background component that includes, but is not
22 limited to:

23 1. Relevant district, economic, geographic, and
24 demographic factors effecting the implementation of
25 technology.

26 2. The planning process used to develop the plan,
27 which must include input from community, business, and
28 industry.

29 (c) A needs assessment including, but not limited to,
30 the following goals:

31 1. Identification of technology infrastructure,

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1 equipment, assistive technology, programming (educational
2 materials, software, and media), replacement, training, and
3 support needs.

4 2. Short-term goals to be achieved within 1 year and
5 long-term goals to be achieved within 3 to 5 years. Both
6 short-term and long-term goals shall be listed in a ranked
7 priority order and shall be established considering the
8 individual school technology plans and the technology
9 capability thresholds established by the department.

10 (d) A funding plan linked to the technology capability
11 thresholds.

12 (e) A technology acquisition plan that addresses:

13 1. Program development.

14 2. Procurement.

15 3. Achievement of the technology capability
16 thresholds.

17 (f) An access plan that addresses:

18 1. Shared use.

19 2. Equitable access, including appropriate access to
20 external instructional services and programming providers such
21 as public libraries, charter schools, remote teaching sites,
22 home school connections, and online products and services.

23 3. Security.

24 (g) A user support plan.

25 (h) A staff training plan which includes, but is not
26 limited to, provisions for increasing use of technology in the
27 classroom and media center according to the technology
28 capability thresholds.

29 (i) A program evaluation which includes, but is not
30 limited to, a description of how the technology acquired is
31 being integrated into the school curriculum and affecting

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1 student achievement and progress toward meeting the
2 educational goals of the state academic standards.

3 (3) TECHNOLOGY CAPABILITY THRESHOLDS.--The Department
4 of Education shall, in consultation with high technology
5 business and industry partners, develop technology capability
6 thresholds that describe levels of reasonable standards of
7 technological capability to be consecutively achieved in a
8 school for the school to effectively utilize instructional
9 technology. The technology capability thresholds shall be
10 designed to ensure that Florida's students have skills that
11 meet the needs of Florida businesses and industry and shall be
12 updated annually. The department shall develop the technology
13 capability thresholds by January 1, 2000. By January 1 each
14 year thereafter, the thresholds must be updated.

15 (4)(1) GRANT FUNDING.--

16 (a) ~~Ninety-four~~ ~~Eighty~~ percent of the funds
17 appropriated for ~~public school technology~~ ~~this program~~ shall
18 be ~~prorated and~~ distributed by the Commissioner of Education
19 to the state's school districts ~~according to each district's~~
20 ~~percentage of the statewide total K-12 full-time equivalent~~
21 ~~membership on the basis of proposals submitted for~~
22 ~~implementing instructional technology. These funds may be~~
23 ~~used to replicate existing instructional technology programs.~~
24 ~~At least 10 percent of these funds shall be used for teacher~~
25 ~~and other related training.~~

26 (b) ~~Six~~ percent of the funds appropriated for this
27 program may be used by the commissioner to:

- 28 1. Administer the program.
29 2. Fund development and codevelopment activities.
30 3. Establish a clearinghouse to identify, evaluate,
31 and disseminate information regarding developments in the

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1 private and public sectors of instructional technology,
2 including both software and hardware.

3 4. Disseminate information regarding successful
4 state-of-the-art systems, including an annual catalog of
5 exemplary projects and products.

6 5. Provide technical assistance to districts and
7 schools in developing and implementing their technology plans
8 and in using state central-purchasing resources to maximize
9 cost advantages and, where necessary, provide districts with
10 technical assistance for needs assessment and grant
11 preparation.~~At least 10 percent of the funds appropriated for~~
12 ~~this program shall be used to fund research and development~~
13 ~~and codevelopment of new instructional technologies and their~~
14 ~~implementation in the classroom.~~

15 (c) Beginning with the 2000-2001 school year,
16 districts shall distribute to schools the the funds received
17 for public school technology on the basis of technology issues
18 addressed by the school in the school improvement plan
19 pursuant to s. 230.23(16) or in a school plan for implementing
20 instructional technology submitted to and approved by the
21 district school board. To receive funding, a proposed project
22 must be in a school that has achieved the appropriate
23 technology capability threshold for the proposed project and
24 the proposed project must be consistent with the district's
25 technology plan. Preference for funding shall be given to
26 schools which meet one or more of the following criteria:

27 1. The school has matched the request with other funds
28 and private sector contributions to the maximum extent
29 possible, as determined by the school board.

30 2. The project is to be implemented in a critically
31 low-performing school in order for that school to achieve the

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1 ~~appropriate technology capability threshold. Up to 10 percent~~
2 ~~of the funds appropriated for this program shall be used to~~
3 ~~fund new or innovative use of instructional technology or use~~
4 ~~of new instructional technology.~~

5 ~~(2) GRANT ADMINISTRATION.--~~

6 ~~(a) Project proposals must include the following:~~

7 ~~1. An outline of the proposed project activities and~~
8 ~~project budget.~~

9 ~~2. A description of how the proposed project will~~
10 ~~integrate instructional technology with regular classroom~~
11 ~~teaching.~~

12 ~~3. A description of how the project incorporates~~
13 ~~state-of-the-art instructional technology which utilizes~~
14 ~~advanced integrated learning systems technology and other~~
15 ~~newly developed systems geared to hands-on learning and to~~
16 ~~developing higher order thinking skills, including~~
17 ~~problem-solving skills, understanding of abstract concepts,~~
18 ~~and high-level critical thinking and applied learning skills.~~

19 ~~4. A description of how the project will affect and be~~
20 ~~incorporated into the overall implementation of instructional~~
21 ~~technology in the school district over the next 5 years.~~

22 ~~5. A description of the anticipated project results~~
23 ~~and procedures for assessing the success of the project.~~

24 ~~(b) During fiscal year 1990-1991, preference for grant~~
25 ~~approval shall be given to projects which are dedicated to~~
26 ~~elementary school implementation and which utilize advanced~~
27 ~~technology to incorporate self-paced learning.~~

28 ~~(c) Preference for grant approval shall be given to~~
29 ~~districts which maximize their match of the grant request with~~
30 ~~district funds and private sector contributions.~~

31 ~~(d) The Department of Education shall adopt forms for~~

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1 ~~proposal applications.~~

2 ~~(e) Proposals shall be recommended to the commissioner~~
3 ~~by a nine-member grant review panel appointed by the~~
4 ~~commissioner. The panel shall consist of two teachers, two~~
5 ~~district administrators, two business people, a school~~
6 ~~administrator, and two additional members selected at the~~
7 ~~commissioner's discretion.~~

8 ~~(f) A portion of the grant funds utilized by the~~
9 ~~commissioner under paragraph (1)(c) may be utilized to:~~
10 ~~1. Administer the program.~~
11 ~~2. Fund development and codevelopment activities.~~
12 ~~3. Establish a clearinghouse to identify, evaluate,~~
13 ~~and disseminate information regarding developments in the~~
14 ~~private and public sectors of instructional technology,~~
15 ~~including both software and hardware.~~
16 ~~4. Disseminate information regarding successful~~
17 ~~state-of-the-art systems, including an annual catalog of~~
18 ~~exemplary projects and products.~~

19 ~~(g) The department shall assist grant recipients in~~
20 ~~using state central purchasing resources to maximize cost~~
21 ~~advantages and shall, where necessary, provide districts with~~
22 ~~technical assistance for needs assessment and grant~~
23 ~~preparation.~~

24 ~~(5)(3) REPORTS.--Beginning January 1, 2000~~ 1991, the
25 commissioner shall make an annual report to the Legislature
26 within 60 days prior to the beginning of the regular
27 legislative session. The report shall include:

28 (a) A summary of the status of the Instructional
29 Technology ~~Grant~~ Program, including a description of the
30 technology capability thresholds developed by the department
31 according to this section, and the status of school

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1 achievement of the thresholds.

2 (b) Recommendations to improve the efficiency and
3 promote the utilization of instructional technology.

4 Section 16. Section 229.604, Florida Statutes, is
5 created to read:

6 229.604 Access to technology tools.--The Department of
7 Education shall develop a plan to provide access for students
8 to technology to support students' educational progress in the
9 community, at work, at school, and at home. The plan shall
10 encourage districts and schools to furnish safe access to
11 school media centers outside of the regular school day, and to
12 consider the construction of entrances which may be accessed
13 from the outer perimeter of the school campus when planning
14 for new construction or remodeling projects.

15 Section 17. Paragraph (e) is added to subsection (2)
16 of section 229.8041, Florida Statutes, to read:

17 229.8041 Educational computing.--

18 (2) IMPLEMENTATION OF POLICY.--The department is
19 authorized and encouraged to assist school districts,
20 community colleges, and state universities to make appropriate
21 use of computing. Department actions for this purpose may
22 include, but need not be limited to:

23 (e) Conducting evaluations of the status of school and
24 district use of technology to determine if they meet
25 appropriate technology capability thresholds.

26 Section 18. Paragraph (a) of subsection (5) of section
27 231.17, Florida Statutes, 1998 Supplement, is amended to read:

28 231.17 Official statements of eligibility and
29 certificates granted on application to those meeting
30 prescribed requirements.--

31 (5) MINIMUM COMPETENCIES FOR PROFESSIONAL

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1 CERTIFICATE.--

2 (a) The state board must specify, by rule, the minimum
3 essential competencies that educators must possess and
4 demonstrate in order to qualify to teach students the
5 standards of student performance adopted by the state board.
6 The minimum competencies must include but are not limited to
7 the ability to:

8 1. Write in a logical and understandable style with
9 appropriate grammar and sentence structure.

10 2. Read, comprehend, and interpret professional and
11 other written material.

12 3. Comprehend and work with fundamental mathematical
13 concepts.

14 4. Recognize signs of severe emotional distress in
15 students and apply techniques of crisis intervention with an
16 emphasis on suicide prevention and positive emotional
17 development.

18 5. Recognize signs of alcohol and drug abuse in
19 students and apply counseling techniques with emphasis on
20 intervention and prevention of future abuse.

21 6. Recognize the physical and behavioral indicators of
22 child abuse and neglect, know rights and responsibilities
23 regarding reporting, know how to care for a child's needs
24 after a report is made, and know recognition, intervention,
25 and prevention strategies pertaining to child abuse and
26 neglect which can be related to children in a classroom
27 setting in a nonthreatening, positive manner.

28 7. Comprehend patterns of physical, social, and
29 academic development in students, including exceptional
30 students in the regular classroom, and counsel these students
31 concerning their needs in these areas.

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- 1 8. Recognize and be aware of the instructional needs
- 2 of exceptional students.
- 3 9. Comprehend patterns of normal development in
- 4 students and employ appropriate intervention strategies for
- 5 disorders of development.
- 6 10. Identify and comprehend the codes and standards of
- 7 professional ethics, performance, and practices adopted
- 8 pursuant to s. 231.546(2)(b), the grounds for disciplinary
- 9 action provided by s. 231.28, and the procedures for resolving
- 10 complaints filed pursuant to this chapter, including appeal
- 11 processes.
- 12 11. Recognize and demonstrate awareness of the
- 13 educational needs of students who have limited proficiency in
- 14 English and employ appropriate teaching strategies.
- 15 12. Use appropriate technology in teaching and
- 16 learning processes and in managing, evaluating, and improving
- 17 instruction.
- 18 13. Use assessment strategies to assist the continuous
- 19 development of the learner.
- 20 14. Use teaching and learning strategies that include
- 21 considering each student's culture, learning styles, special
- 22 needs, and socioeconomic background.
- 23 15. Demonstrate knowledge and understanding of the
- 24 subject matter that is aligned with the subject knowledge and
- 25 skills specified in the student performance standards approved
- 26 by the state board.
- 27
- 28 (Redesignate subsequent sections.)
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- 30
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1 ===== T I T L E A M E N D M E N T =====

2 And the title is amended as follows:

3 On page 2, line 6, after the semicolon

4

5 insert:

6 amending s. 229.603, F.S.; providing

7 requirements for school technology plans;

8 requiring the Department of Education to

9 develop technology capability thresholds;

10 requiring the adoption of district technology

11 plans; revising requirements relating to the

12 distribution and use of technology funding;

13 eliminating provisions relating to technology

14 grants and grant administration; revising the

15 content of an annual report; creating s.

16 229.604, F.S., relating to access to technology

17 tools; requiring the Department of Education to

18 develop a plan to increase student access to

19 technology; amending s. 229.8041, F.S.;

20 revising Department of Education actions

21 regarding educational computing to include

22 conducting evaluations regarding the

23 achievement of technology thresholds; amending

24 s. 231.17, F.S.; revising minimum competencies

25 for teacher certification relating to

26 technology;

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